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SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR

DEADHORSE, AK

Prepared by

OL-A, USAFETAC
ASHEVILLE, NORTH CAROLINA
28801-2723

AUGUST 1990

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REPORT DOCUMENTATION PAGE

2. REPORT DATE: AUGUST 1990
3. REPORT TYPE AND DATES COVERED: DATA SUMMARY, AUGUST 1957 TO DECEMBER 1988
4. TITLE AND SUBTITLE: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) FOR DEADHORSE, ALASKA
7. PERFORMING ORGANIZATION NAME AND ADDRESS: OPERATING LOCATION A, USAFETAC, FEDERAL BUILDING, ASHEVILLE, NC 28801-2723
8. PERFORMING ORGANIZATION REPORT NUMBER: USAFETAC/DS-90/222
9. SPONSORING/MONITORING AGENCY NAME AND ADDRESS: USAF ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER (USAFETAC), SCOTT AFB, IL 62225-5438
11. SUPPLEMENTARY NOTES: EFFECTIVE JULY 1 1988, THIS PRODUCT REPLACED TWO USAFETAC DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE OBSERVATIONS (RUSSWO) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCs). EXISTING RUSSWOS AND LISOCs WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE BY A SOCS
- 12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.
13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
14. SUBJECT TERMS: CLIMATOLOGY, METEOROLOGICAL DATA, ATMOSPHERIC PHENOMENA, WEATHER, SOCS, DEADHORSE, ALASKA, CEILING, CLOUD COVER, SNOW DEPTH, HUMIDITY, PRESSURE, PRECIPITATION, SNOW TEMPERATURE, VISIBILITY, WIND.
15. NUMBER OF PAGES: 375
17. SECURITY CLASSIFICATION OF REPORT: UNCLASSIFIED
18. SECURITY CLASSIFICATION OF THIS PAGE: UNCLASSIFIED
19. SECURITY CLASSIFICATION OF ABSTRACT: UNCLASSIFIED
20. LIMITATION OF ABSTRACT: UL



DTIC STANDARD FORM 298

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PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCs (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCs NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCs." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

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*** NOTE: THE AWS CLIMATIC BRIEF IS ATTACHED AT THE END OF THE SOCS ***

INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: JAN 80 - DEC 89 (DEADHORSE AK DATA/ AIRWAYS).

SUMMARY OF DAY DATA: AUG 57 - NOV 78, MAY 80 - DEC 88 (OLIKTOK AK DATA/ PART TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST (DEADHORSE AK DATA).

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/ OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

NOTE 1. DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

* UTC REPLACED GMT ON 1 AUGUST 1988

NOTE: OL-A/USAFETAC DERIVES STATION LATITUDE/LONGITUDE COORDINATES AND AIRFIELD ELEVATION DATA FROM THE AWS MASTER STATION CATALOG. THIS INFORMATION IS PRESENTED ON THE AWS CLIMATIC BRIEF FOR EACH STATION. THE STATION DATA MAY DIFFER FROM INFORMATION CONTAINED IN THE SOCS STATION HISTORY (DATA SUPPLIED BY AWS UNITS). THE STATION DATA MAY ALSO VARY FROM DATA PRESENTED IN DOD FLIGHT INFORMATION PUBLICATIONS (FLIP).

STATION NO. ON SUMMARY 700637		STATION NAME DEADHORSE, AK		LATITUDE N 70 12		LONGITUDE W 148 28		FLD ELEV (FT) 57		CALL SIGN PASC (SCC)		WHO NHBR	
STATION LOCATION AND INSTRUMENTATION HISTORY													
Nmbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY				
			From	To			FLD (FT)	BARO (FT)					
1	Deadhorse, AK	SAWRS	Mar 69	Aug 69	N 70 12	W 148 27	47	N/A	8				
2	Same	Same	Sep 69	Jun 70	Same	Same	50	66	8				
3	Same	FSS	Jul 70	Jul 72	Same	Same	Same	Same	8				
4	Same	Same	Aug 72	Jul 73	Same	W 148 28	Same	Same	8				
5	Same	Same	Aug 73	Oct 73	Same	Same	Same	83	8				
6	Same	Same	Nov 73	Mar 74	Same	Same	55	Same	8				
7	Same	Same	Apr 74	May 78	Same	Same	Same	Same	24				
8	Same	Same	Jun 78	Aug 90	Same	Same	57	Same	24				
SURFACE WIND EQUIPMENT INFORMATION													
Nmbr of Loc	Date of Change	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE							
1	Mar 69	On roof	Aerovane	N/A	19 ft								
2	May 70	Same	F-420C	Same	22 ft								
3	Aug 73	On tower roof	Same	Same	55 ft								
4	Aug 90	Same	Same	Same	Same								

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTT	AAAAAA
PPPPPPP	AAAAAAA	RRRRRRR	TTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPP	AA AA	RRRRRRR	TT	AA AA
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	AAAAAAAAA
PP	AAAAAAAAA	.R RR	TT	AAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

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PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY. THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

NOTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OR WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02				17.9		17.9	26.9	.1	22.2		67.1	878
03-05				17.7		17.7	28.6		22.1		68.4	887
06-08				18.0		18.0	27.9	.2	22.6		68.7	891
09-11		.1	.3	17.6		18.1	30.5	.2	22.9		71.7	873
12-14		.1	.5	11.9		12.5	35.4	.8	22.7		71.4	881
15-17			.2	12.2		12.4	35.0	.7	22.0		70.1	879
18-20				15.6		15.6	28.1	.3	18.8		62.9	883
21-23				18.4		18.4	26.4	.6	18.0		63.5	881
ALL HOURS		.0	.1	16.2		16.3	29.9	.4	21.4		68.0	7053

MONTH: FEB

00-02			.1	17.6		17.7	23.5	1.1	16.7		59.1	807
03-05		.2		20.5		20.7	21.2	1.1	18.3		61.3	815
06-08		.1	.1	21.6		21.9	25.6	1.0	18.9		67.4	813
09-11		.1	.4	12.1		12.6	32.0		19.7		64.3	801
12-14			.4	10.1		10.4	34.8	.5	18.3		64.0	814
15-17		.4	.1	7.9		8.4	33.8	.2	18.1		60.6	810
18-20		.3	.1	11.7		12.1	31.5	1.1	16.5		61.2	794
21-23		.4		16.4		16.8	26.6	1.0	14.7		59.1	804
ALL HOURS		.2	.2	14.8		15.1	28.6	.8	17.7		62.1	6458

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	A'L PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02				12.5		12.5	14.1	.2	13.3		40.0	874
03-05				15.0		15.0	15.6	.4	14.0		45.1	891
06-08				13.6		13.6	25.7	.9	14.1		54.2	896
09-11				10.4		10.4	32.5	1.2	15.9	.1	60.1	902
12-14				8.9		8.9	28.5	.6	17.2		55.0	892
15-17				8.1		8.1	23.2	.6	17.0		48.9	900
18-20				7.1		7.1	21.1	.9	14.6		43.7	885
21-23				10.6		10.6	14.6	.3	13.8		39.2	879
ALL HOURS				10.8		10.8	22.0	.6	15.0	.0	48.4	7119

MONTH: APR

00-02			.2	18.4		18.7	19.8	.1	7.6		46.2	847
03-05			.5	19.0		19.4	28.4	.1	8.0		55.9	860
06-08			.7	16.0		16.7	36.0	.5	10.5		63.6	869
09-11			.5	14.5		14.9	36.3	1.3	12.5		65.0	865
12-14			.7	12.3		13.0	31.9	1.1	11.0		57.0	872
15-17			.2	12.1		12.4	24.0	.7	10.5		47.6	865
18-20			.1	14.6		14.7	21.0	.7	8.8		45.2	871
21-23				13.2		13.2	21.3	.3	7.7		42.5	865
ALL HOURS			.4	15.0		15.3	27.4	.6	9.6		52.9	6914

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		1.0	2.0	21.2		24.2	40.6		6.8		71.6	887
03-05		.8	1.9	21.2		23.9	45.0		7.7		76.6	886
06-08		1.2	1.6	22.1		24.9	45.6		8.8		79.3	897
09-11		.3	1.3	20.9		22.5	40.2	.1	8.9		71.7	880
12-14			1.1	16.6		17.7	30.3		7.9		55.9	885
15-17		.2	.7	17.7		18.6	26.6	.2	4.9		50.3	898
18-20		.9	.1	17.5		18.5	25.9	.1	5.4		49.9	896
21-23		.7	.7	18.7		20.1	30.5		5.4		56.0	891
ALL HOURS		.6	1.2	19.5		21.3	35.6	.1	7.0		63.9	7120

MONTH: JUN

00-02		4.7	1.5	5.7		11.9	32.6		.1	.1	44.8	855
03-05		4.6	.4	8.4		13.4	36.7		.1		50.2	853
06-08		4.0	1.2	8.6		13.7	34.8		.1		48.7	859
09-11		3.4		7.3		10.7	23.0				33.7	860
12-14		3.1		4.9		8.0	10.7				18.7	850
15-17		2.1		3.5		5.6	8.2				13.8	857
18-20	.1	2.8	.2	2.8		5.8	10.6				16.5	857
21-23		3.8	.8	3.4		8.0	20.6		.1		28.7	851
ALL HOURS	.0	3.5	.5	5.6		9.6	22.2		.1	.0	31.9	6842

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		11.7	.3			12.0	28.2				40.2	884
03-05		11.7	.1	.3		12.2	32.2				44.4	878
06-08		10.1		.7		10.7	30.2				40.9	895
09-11		8.1		.5		8.6	17.8				26.4	887
12-14		4.9				4.9	6.4				11.3	875
15-17		3.5				3.5	4.8			.1	8.4	884
18-20		5.7		.3		6.0	9.0	.2		.2	15.5	879
21-23	.1	7.4		.3		7.8	17.9				25.6	890
ALL HOURS	.0	7.9	.1	.3		8.2	18.3	.0		.0	26.6	7072

MONTH: AUG

00-02		15.5		5.1		20.7	29.9				50.6	875
03-05		17.0		4.9		21.9	35.2				57.1	883
06-08		15.7		3.9		19.6	34.4				54.0	874
09-11		13.3		3.6		16.9	24.4				41.3	872
12-14		9.0		3.6		12.6	15.2		.1		27.9	889
15-17		9.1		2.4		11.5	13.4	.1			25.0	875
18-20		10.1	.1	4.8		15.0	18.8				33.8	893
21-23		11.1		3.9		15.0	26.8				41.8	867
ALL HOURS		12.6	.0	4.0		16.6	24.7	.0	.0		41.4	7028

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		10.4	1.4	20.1		31.9	25.6		1.3	.3	59.1	864
03-05		7.1	.9	21.9		29.9	25.6	.1	1.3	.4	57.3	850
06-08		9.0	2.2	17.2		28.4	34.2	.3	1.5	.5	64.9	873
09-11		9.5	1.4	16.6		27.6	32.0		2.1	.7	62.4	859
12-14		8.1	.7	15.1		23.9	25.5		1.5	.8	51.8	854
15-17		7.0	.8	13.9		21.8	25.0		1.5	.9	49.2	868
18-20		7.8	.6	12.9		21.3	28.0		1.4	.9	51.6	868
21-23		7.9	1.1	16.9		25.9	25.6		1.5	.7	53.7	872
ALL HOURS		8.4	1.1	16.8		26.3	27.7	.1	1.5	.7	56.3	6908

MONTH: OCT

00-02		.6	.6	36.3		37.4	21.4		9.8	.3	68.9	891
03-05		.3	.8	37.4		38.5	20.7		9.5	.3	69.0	886
06-08		.3	1.8	38.5		40.7	26.3		10.9	.3	78.2	895
09-11		.2	1.5	32.1		33.8	34.5	.1	11.5	.2	80.2	878
12-14		.6	1.9	29.5		31.9	32.9	.3	11.1	.6	76.8	893
15-17		.2	3.0	26.0		29.3	32.8	.1	11.1	.7	74.0	895
18-20		.4	2.9	31.5		34.9	28.7		10.4	.6	74.5	897
21-23		.3	1.8	41.3		43.5	22.9		10.8	.2	77.4	886
ALL HOURS		.4	1.8	34.1		36.2	27.5	.1	10.6	.4	74.9	7121

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02			.5	25.7		26.1	17.1		16.6		59.8	849
03-05			.1	26.3		26.4	19.0	.5	15.8		61.7	847
06-08			.1	26.7		26.9	19.2	.6	19.2		65.8	845
09-11			.1	22.4		22.5	25.4	.9	21.3	.1	70.3	854
12-14			.1	16.5		16.7	30.6	.7	19.8		67.8	852
15-17				15.8		15.8	29.1	.1	18.6		63.5	850
18-20				21.1		21.1	21.7		16.6		59.4	849
21-23				24.8		24.8	18.7		15.9		59.4	860
ALL HOURS			.1	22.4		22.5	22.6	.4	18.0	.0	63.5	6806

MONTH: DEC

00-02			.8	24.9		25.7	19.6	.5	13.5		59.3	887
03-05			.7	23.5		24.2	21.0	.2	12.9		58.2	886
06-08			.3	21.1		21.4	17.2	.2	13.6		52.5	888
09-11			.1	18.0		18.2	19.6	.2	14.2		52.2	881
12-14				13.8		13.8	25.0	1.3	12.9		53.0	893
15-17				15.5		15.5	26.1	.7	12.8		55.1	869
18-20			.1	20.8		20.9	22.1	.3	15.1		58.4	896
21-23			.2	24.8		25.1	23.4	.4	13.9		62.8	894
ALL HOURS			.3	20.3		20.6	21.8	.5	13.6		56.4	7094

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN		.0	.1	16.2		16.3	29.9	.4	21.4		68.0	7053
FEB		.2	.2	14.8		15.1	28.6	.8	17.7		62.1	6458
MAR				10.8		10.8	22.0	.6	15.0	.0	48.4	7119
APR			.4	15.0		15.3	27.4	.6	9.6		52.9	6914
MAY		.6	1.2	19.5		21.3	35.6	.1	7.0		63.9	7120
JUN	.0	3.5	.5	5.6		9.6	22.2		.1	.0	31.9	6842
JUL	.0	7.9	.1	.3		8.2	18.3	.0		.0	26.6	7072
AUG		12.6	.0	4.0		16.6	24.7	.0	.0		41.4	7028
SEP		8.4	1.1	16.8		26.3	27.7	.1	1.5	.7	56.3	6908
OCT		.4	1.8	34.1		36.2	27.5	.1	10.6	.4	74.9	7121
NOV			.1	22.4		22.5	22.6	.4	18.0	.0	63.5	6806
DEC			.3	20.3		20.6	21.8	.5	13.6		56.4	7094
ANNUAL	.0	2.8	.5	15.0		18.3	25.7	.3	9.5	.1	53.8	83535

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM SUMMARY OF DAY DATA

STATION NUMBER: 700630

STATION NAME: DEADHORSE AK (OLIKTOK AK DATA)
LST TO UTC: +09

PERIOD OF RECORD: 5708-7811,8005-8812
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN		.7		11.3		11.6	24.4	1.1	35.3		55.0	896
FEB				13.1		13.1	20.8	1.2	26.8		49.4	818
MAR				10.5		10.5	22.3	1.9	24.3		46.5	896
APR	.1	.3	.1	17.1		17.4	25.7	2.8	16.3		46.9	870
MAY		2.3	.5	24.6		26.5	45.3	1.5	13.2		67.1	925
JUN	.1	13.9	.8	10.9		23.2	46.3	.7	.4		60.6	899
JUL	.1	25.7	.1	2.7		26.8	44.1	.8			60.3	895
AUG	.1	35.1	.6	11.7		43.2	47.8	1.1	.2		71.7	950
SEP		15.3	1.8	32.9		44.2	40.8	.9	4.4		68.8	926
OCT		2.4	.5	43.8		44.6	26.5	1.2	20.7		67.0	928
NOV		.3	.2	20.6		20.7	22.1	1.1	31.8		58.7	892
DEC				14.7		14.7	19.8	.7	26.0		48.6	887
ANNUAL	.0	8.2	.4	18.0		25.0	32.4	1.2	16.4		58.8	10782

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02												
03-05												
06-08												
09-11												
12-14												
15-17												
18-20						.1						
21-23							.1					
ALL HOURS						.0	.0					
TOTAL OBS	7053	6458	7119	6914	7120	6842	7072	7028	6908	7121	6806	7094

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP	100.0							2
FREEZING PRECIP	66.7			22.2			11.1	9
FROZEN PRECIP	3.1		30.1	12.5	2.3	34.6	17.5	1128
FOG	8.0		28.1	17.8	1.4	34.0	10.6	1306
FOG WITH VIS GE 1/2 MILES	7.1		28.5	17.3	1.3	35.6	10.3	1243
TOTAL OBS	274	0	1587	1954	201	2522	486	7024

MONTH: FEB HOURS: ALL

TSTMS								
LIQUID PRECIP						66.7	33.3	12
FREEZING PRECIP			50.0	10.0		30.0	10.0	10
FROZEN PRECIP	3.3		15.9	19.0	1.7	44.9	15.3	949
FOG	3.8		21.9	15.4	.9	47.5	10.4	1380
FOG WITH VIS GE 1/2 MILES	3.8		21.5	15.5	.8	48.2	10.3	1346
TOTAL OBS	175	0	791	1384	191	3376	516	6433

A - 5 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP								
FREEZING PRECIP								
FROZEN PRECIP	1.4		23.8	9.9	1.8	49.1	13.9	764
FOG	3.5		29.0	17.7	1.5	39.3	9.1	1143
FOG WITH VIS GE 1/2 MILES	3.3		28.9	17.9	1.4	39.2	9.3	1118
TOTAL OBS	171	0	1682	1805	190	2840	404	7092

MONTH: APR HOURS: ALL

TSTMS								
LIQUID PRECIP								
FREEZING PRECIP			52.0	36.0		8.0	4.0	25
FROZEN PRECIP	1.1		34.5	20.4	2.7	24.5	16.8	1032
FOG	2.1		33.4	31.9	2.5	17.0	13.0	1610
FOG WITH VIS GE 1/2 MILES	1.7		33.8	32.2	2.2	16.9	13.2	1543
TOTAL OBS	132	0	1746	2082	263	2044	626	6893

A - 5 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP			26.1	30.4		17.4	26.1	46
FREEZING PRECIP			47.0	37.3		6.0	9.6	83
FROZEN PRECIP	2.0		31.1	40.6	1.4	12.5	12.4	1381
FOG	1.9		32.0	46.9	1.9	9.0	8.3	2197
FOG WITH VIS GE 1/2 MILES	1.5		33.2	46.9	1.8	8.4	8.3	2009
TOTAL OBS	138	0	1724	3393	190	1016	639	7100

MONTH: JUN HOURS: ALL

TSTMS							100.0	1
LIQUID PRECIP	1.2		19.8	28.0	7.0	22.2	21.8	243
FREEZING PRECIP			68.6	31.4				35
FROZEN PRECIP			43.5	31.9	1.3	9.4	13.9	382
FOG	.4		34.4	49.1	1.4	5.1	9.6	1512
FOG WITH VIS GE 1/2 MILES	.2		34.4	50.1	1.3	4.8	9.3	1286
TOTAL OBS	69	0	2482	2777	181	605	708	6822

A - 5 - 3

OPERATING LOCATION "A"
USAFETAC, ASPEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATION

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS	100.0							1
LIQUID PRECIP	1.6		19.0	17.2	4.7	31.7	25.9	559
FREEZING PRECIP				75.0			25.0	4
FROZEN PRECIP				5.3		42.1	52.6	19
FOG	1.2		34.3	45.7	.5	6.9	11.5	1292
FOG WITH VIS GE 1/2 MILES	1.0		37.2	40.5	.4	8.2	12.7	995
TOTAL OBS	105	0	2150	2564	323	957	947	7046

MONTH: AUG HOURS: ALL

TSTMS								
LIQUID PRECIP	1.5		26.7	19.4	4.3	29.3	18.9	885
FREEZING PRECIP			100.0					1
FROZEN PRECIP	.7		40.1	13.1		19.9	26.2	282
FOG	1.0		37.7	36.0	.4	9.2	15.7	1738
FOG WITH VIS GE 1/2 MILES	1.1		38.0	32.8	.3	10.2	17.5	1437
TOTAL OBS	99	0	1805	1945	445	1656	1058	7008

A - 5 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP	1.6		33.7	37.1	3.3	15.4	9.0	579
FREEZING PRECIP	6.3		36.7	35.4	1.3	6.3	13.9	79
FROZEN PRECIP	1.0		39.5	17.0	1.0	21.9	19.6	1149
FOG	3.3		38.7	34.1	1.6	8.9	13.5	1903
FOG WITH VIS GE 1/2 MILES	3.0		39.9	32.3	1.7	9.5	13.5	1720
TOTAL OBS	185	0	1826	1845	479	1811	712	6858

MONTH: OCT HOURS: ALL

TSTMS								
LIQUID PRECIP			11.1	7.4	7.4	66.7	7.4	27
FREEZING PRECIP	2.4		48.8	25.2		5.5	18.1	127
FROZEN PRECIP	1.7		27.8	17.7	4.1	37.1	11.7	2442
FOG	2.8		32.4	21.0	3.1	28.2	12.5	1594
FOG WITH VIS GE 1/2 MILES	2.5		33.2	19.5	3.0	29.1	12.7	1491
TOTAL OBS	116	0	1449	1803	483	2560	679	7090

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP								
FREEZING PRECIP			37.5	25.0		25.0	12.5	8
FROZEN PRECIP	2.7		35.1	21.0	2.8	27.5	10.9	1536
FOG	2.5		33.7	26.1	2.6	27.8	7.5	1016
FOG WITH VIS GE 1/2 MILES	2.2		35.1	24.4	2.5	28.1	7.8	969
TOTAL OBS	242	0	2050	1939	188	1959	409	6787

MONTH: DEC HOURS: ALL

TSTMS								
LIQUID PRECIP								
FREEZING PRECIP				5.0		90.0	5.0	20
FROZEN PRECIP	3.1		28.6	12.8	2.1	44.4	9.1	1442
FOG	5.4		32.4	22.3	2.7	29.2	8.0	1097
FOG WITH VIS GE 1/2 MILES	4.8		33.1	22.0	2.5	29.4	8.2	1058
TOTAL OBS	253	1	1761	1650	185	2794	422	7066

A - 5 - 6

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS	50.0						50.0	2
LIQUID PRECIP	1.5		25.5	24.1	4.3	26.1	18.5	2353
FREEZING PRECIP	3.5		43.9	29.9	.2	10.5	12.0	401
FROZEN PRECIP	2.0		30.6	19.7	2.3	31.5	13.9	12506
FOG	2.8		32.7	31.7	1.7	20.0	11.0	17788
FOG WITH VIS GE 1/2 MILES	2.6		33.2	30.2	1.6	21.1	11.2	16215
TOTAL OBS	1959	1	21053	25141	3319	24140	7606	83219

A - 5 - 7

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPP	AA AA	RRRRRRRR	TT	BBBBBBBBBB
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	BBBBBBBBBB
PP	AAAAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBBB

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PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN POR.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 700630

STATION NAME: DEADHORSE AK (OLIKTOK AK DATA)
LST TO UTC: +09

PERIOD OF RECORD: 5708-7811,8005-8812
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	88.3	87.2	89.8	82.4	74.5	77.2	74.3	57.2	55.4	55.6	80.1	85.7	75.4
TRACE	7.3	8.1	6.4	10.6	15.8	16.0	9.5	17.9	26.8	22.3	12.9	8.8	13.7
.01	.2	.2	.4	.7	1.2	.8	.9	1.3	1.0	2.0	.9	.3	.8
.02-.05	2.3	2.0	2.1	3.7	4.7	1.9	5.5	7.3	7.9	10.3	2.9	2.9	4.5
.06-.10	1.1	2.2	.9	2.1	2.2	1.8	3.5	4.6	4.4	5.3	2.2	1.2	2.7
.11-.25	.6	.2	.2	.2	1.0	1.0	2.0	6.3	2.4	3.6	.8	.9	1.6
.26-.50	.2	.1	.1	.3	.4	1.0	2.3	3.3	1.4	.9	.1	.1	.9
.51-1.00					.2	.3	1.5	1.3	.5				.3
1.01-2.50							.3	.8	.2				.1
2.51-5.00							.1						.0
5.01-10.00													
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	4.5	4.8	3.8	7.0	9.7	6.8	16.2	24.9	17.8	22.1	7.0	5.5	11.0
TOTAL NO. OF OBSERVATIONS	896	818	896	869	922	899	884	933	926	928	890	887	10748

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 700630

STATION NAME: DEADHORSE AK (OLIKTOK AK DATA)
LST TO UTC: +09

PERIOD OF RECORD: 5708-7811,8005-8812
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
57								1.82*	.43	1.24	TRACE	.02	3.51*
58	.43	.11	.07	.07	.19	.44	.20	.45	.49	.91	.14	TRACE	3.50
59	TRACE	.32	TRACE	.15	.25	.21	3.32	1.16	.38	.27	.10	.30	6.46
60	.01	TRACE	TRACE	TRACE	1.00	TRACE	.38	TRACE	.33	.90	.10	.20	2.92
61	TRACE	TRACE	.60	.15	.20	.06	3.92	.97	.04	.98	.05*	.15	7.12*
62	.20	TRACE	.10	.22	.12	.08	1.55	.93	.57	.41	.12	TRACE	4.30
63	.12	.27	TRACE	.43	.02	.74	2.35	3.33	.20	.58	.10	TRACE	8.14
64	TRACE	.20	.00	.05	.19	.41	.48	1.99	1.77	.49	.14	.20	5.92
65	.07	.04	.05	.44	.97	TRACE	.62	1.21	.44	.47	1.06	.59	5.96
66	.04	TRACE	.20	TRACE	.89	.47	1.32	1.53	1.10	.22	.13	.13	6.03
67	.37	.06	.19	.10	.18	.71	2.94	.62	TRACE	.53	.10	.39	6.19
68	.27	.44	.20	.10	.22	.14	.04	.53	.76	.64	.28	.55	4.17
69	.45	.20	.00	.19	TRACE	.10	5.00	2.63	TRACE	.35	.20	.00	9.12
70	.20	.10	.10	.37	.55	.06	.61	5.70	2.55	.61	.20	TRACE	11.05
71	.00	.00	TRACE	.00	TRACE	.04	.25	.11	.42	.30	TRACE	TRACE	1.12
72	.02	TRACE	.00	TRACE	.67	.51		5.58	.44	.60	.02	.13	7.97*
73	.04	.10	TRACE	.37	.81	.91	.77	.27	.44	.61	.51	.14	4.97
74	.10	TRACE	TRACE	.12	TRACE	.12	1.72	4.74	.51	.33	TRACE	.00*	7.64*
75	.00	.12	.09	.03	.12	1.50	1.89	1.52	.84	.08	TRACE	.00	6.19
76	.00	.10	TRACE	.20	.10	TRACE	.04	.60	.36	.56	.20	.04	2.20
77	.10	.02	.04	.04	.60	1.73	.01	2.50	4.59	.83	.01	.05	10.52
78	TRACE	TRACE	.14	.28	.02	.28	TRACE	.07	.91	.49	.12		2.31*
80					.01	.10	.74	1.91	.40	.23	.11	.08	3.58*
81	.20	.07	TRACE	.02	.17	.10	.00*	TRACE*	.08	.30	.10	.01	1.05*
82	.04	.10	.04	.13	.21	.03	.16	1.33	.56	.13	TRACE	.04	2.77
83	TRACE	.04	.08	.12	.02	.09	.02	.87	.62	.39	.13	TRACE	2.38
84	.10	.07	TRACE	.46	.18	TRACE	.57	1.59	TRACE	.44	.04	.20	3.65
85	.08	TRACE	TRACE	TRACE	.03*	.29	.73	TRACE	.52	.19	.13	.22	2.19*
86	TRACE	.03	TRACE	TRACE	.12	TRACE	.28	.25	.47	.30	.04	.08	1.57
87	.42	.39	TRACE	.10	.10	.11	.55	1.91	.82	.90	.10	.09	5.49
88	.00	.07	.11	.00	.02	.15	1.18	1.50	1.20				4.23*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 700630

STATION NAME: DEADHORSE AK (OLIKTOK AK DATA)
LST TO UTC: +09

PERIOD OF RECORD: 5708-7811,8005-8812
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	.00	.00	.00	.00	TRACE	TRACE	TRACE	TRACE	TRACE	.08	TRACE	.00	1.12
GREATEST	.45	.44	.60	.46	1.00	1.73	5.00	5.70	4.59	1.24	1.06	.59	11.05
MEAN	.11	.10	.07	.14	.27	.31	1.13	1.58	.72	.51	.14	.13	5.21
MEDIAN	.04	.07	TRACE	.10	.18	.12	.62	1.21	.47	.48	.10	.08	5.23
SD	.145	.121	.122	.147	.314	.430	1.298	1.549	.889	.278	.205	.161	2.735
TOTAL OBS	896	818	896	869	922	899	884	933	926	928	890	887	10748

THE GREATEST VALUE OF 5.70 OCCURRED ON 08/70

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 700630

STATION NAME: DEADHORSE AK (OLIKTOK AK DATA)
LST TO UTC: +09

PERIOD OF RECORD: 5708-7811,8005-8812
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
57								.50*	.31	.30	TRACE	.01	.50*
58	.20	.10	.07	.04	.10	.20	.15	.25	.33	.30	.05	TRACE	.33
59	TRACE	.10	TRACE	.10	.05	.20	1.50	.35	.10	.10	.10	.20	1.50
60	.01	TRACE	TRACE	TRACE	.90	TRACE	.19	TRACE	.20	.20	.10	.20	.90
61	TRACE	TRACE	.30	.10	.10	.06	3.00	.66	.03	.30	.05*	.15	3.00*
62	.10	TRACE	.10	.10	.12	.08	.45	.44	.27	.13	.07	TRACE	.45
63	.04	.10	TRACE	.32	.02	.41	.94	1.08	.20	.10	.10	TRACE	1.08
64	TRACE	.10	.00	.05	.19	.39	.48	.95	.75	.13	.14	.20	.95
65	.05	.04	.03	.23	.21	TRACE	.24	.30	.17	.24	.20	.40	.40
66	.04	TRACE	.10	TRACE	.43	.47	.50	.62	.41	.10	.03	.06	.62
67	.22	.06	.05	.08	.05	.28	1.00	.14	TRACE	.32	.10	.11	1.00
68	.08	.14	.10	.05	.13	.06	.04	.53	.50	.20	.13	.25	.53
69	.30	.20	.00	.06	TRACE	.10	2.00	.34	TRACE	.20	.20	.00	2.00
70	.20	.10	.10	.37	.44	.06	.61	2.40	1.90	.14	.10	TRACE	2.40
71	.00	.00	TRACE	.00	TRACE	.02	.15	.04	.22	.20	TRACE	TRACE	.22
72	.02	TRACE	.00	TRACE	.50	.40		1.65	.16	.27	.01	.09	1.65*
73	.04	.06	TRACE	.07	.60	.50	.40	.17	.29	.12	.40	.08	.60
74	.10	TRACE	TRACE	.10	TRACE	.10	.80	2.40	.20	.14	TRACE	.00*	2.40*
75	.00	.04	.08	.03	.06	1.00	.50	.35	.50	.04	TRACE	.00	1.00
76	.00	.10	TRACE	.10	.10	TRACE	.02	.30	.27	.16	.07	.04	.30
77	.10	.02	.02	.04	.30	.80	.01	.95	2.20	.17	.01	.05	2.20
78	TRACE	TRACE	.08	.27	.01	.18	TRACE	.04	.29	.14	.06		.29*
80					.01	.10	.29	.42	.19	.06	.06	.04	.42*
81	.13	.07	TRACE	.02	.09	.06	.00*	TRACE*	.04	.07	.06	.01	.13*
82	.04	.10	.04	.04	.06	.02	.11	.42	.28	.06	TRACE	.04	.42
83	TRACE	.04	.04	.07	.02	.05	.02	.18	.10	.14	.10	TRACE	.18
84	.06	.04	TRACE	.19	.18	TRACE	.24	.41	TRACE	.38	.04	.11	.41
85	.04	TRACE	TRACE	TRACE	.03*	.17	.52	TRACE	.29	.04	.06	.10	.52*
86	TRACE	.03	TRACE	TRACE	.05	TRACE	.22	.06	.13	.07	.04	.06	.22
87	.38	.38	TRACE	.06	.10	.10	.29	.34	.34	.30	.06	.05	.38
88	.00	.07	.11	.00	.02	.15	.50	.57	.73				.73*

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5708-7811,8005-8812
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	.38	.38	.30	.37	.90	1.00	3.00	2.40	2.20	.38	.40	.40	3.00
TOTAL OBS	896	818	896	869	922	899	884	933	926	928	890	887	10748

THE GREATEST VALUE OF 3.00 OCCURRED ON 07/02/61

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 700630

STATION NAME: DEADHORSE AK (OLIKTOK AK DATA)
LST TO UTC. +09

PERIOD OF RECORD: 5708-7811,8005-8812
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	88.8	87.2	89.8	82.9	76.4	89.8	97.3	88.3	66.5	57.0	80.4	85.7	82.4
TRACE	6.8	7.9	6.4	10.4	15.1	8.3	2.2	8.2	23.4	21.6	12.9	8.8	11.1
0.1-0.4	2.0	2.1	2.3	3.5	4.8	1.2	.3	1.6	4.9	10.0	3.0	2.6	3.2
0.5-1.4	1.6	2.7	1.2	2.8	3.1	.6	.1	1.1	4.1	8.5	3.0	2.1	2.6
1.5-2.4	.6	.1	.1	.2	.5	.1		.6	1.0	2.0	.6	.6	.5
2.5-3.4	.1		.1	.2				.2		.8		.1	.1
3.5-4.4	.1			.1	.1					.1	.1	.1	.1
4.5-6.4									.1				.0
6.5-10.4													
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	4.4	4.9	3.8	6.8	8.6	1.9	.4	3.5	10.0	21.4	6.7	5.5	6.6
TOTAL NO. OF OBSERVATIONS	896	818	896	869	923	899	895	949	926	928	891	887	10777

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 700630

STATION NAME: DEADHORSE AK (OLIKTOK AK DATA)
LST TO UTC: +09

PERIOD OF RECORD: 5708-7811,8005-8812
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
57								.0*	TRACE	12.3	TRACE	.2	12.5*
58	4.3	1.1	.7	.4	1.9	TRACE	.0	.0	.2	9.1	1.4	TRACE	19.1
59	TRACE	3.2	TRACE	1.5	2.0	TRACE	1.0	TRACE	3.5	2.5	1.0	3.0	17.7
60	.1	TRACE	TRACE	TRACE	1.0	TRACE	.0	TRACE	3.0	9.0	1.0	2.0	16.1
61	TRACE	TRACE	6.0	1.5	2.0	.0	.2	TRACE	.4	7.1	.5*	1.5	19.2*
62	2.0	TRACE	1.0	2.2	1.2	TRACE	.0	3.8	3.0	4.1	1.2	TRACE	18.5
63	1.2	2.7	TRACE	4.3	.2	TRACE	TRACE	.2	TRACE	5.0	.1	TRACE	13.7
64	TRACE	2.0	.0	.5	1.9	.4	TRACE	1.4	.8	3.9	1.4	2.0	14.3
65	.7	.4	.5	3.4	5.6	TRACE	.0	TRACE	3.8	4.7	9.6	5.9	34.6
66	.4	TRACE	2.0	TRACE	8.9	TRACE	.0	1.3	1.5	2.2	1.3	1.3	18.9
67	3.7	.6	1.9	1.0	1.8	2.4	.0	.8	TRACE	5.0	1.0	3.9	22.1
68	2.7	4.4	2.0	1.0	2.2	TRACE	.0	TRACE	1.5	6.4	2.8	5.5	28.5
69	4.5	2.0	.0	1.9	TRACE	TRACE	.3	15.6	TRACE	3.5	2.0	.0	29.8
70	2.0	1.0	1.0	3.7	1.1	.6	TRACE	.0	3.8	6.1	2.0	TRACE	21.3
71	.0	.0	TRACE	.0	TRACE	.2	.0	TRACE	2.4	3.0	TRACE	TRACE	5.6
72	.2	TRACE	.0	TRACE	1.7	.1		TRACE	3.8	6.0	.2	1.3	13.3*
73	.4	1.0	TRACE	3.7	1.0	1.1	TRACE	.0	.2	6.1	5.1	1.4	20.0
74	TRACE	TRACE	TRACE	1.2	TRACE	.3	TRACE	TRACE	1.0	2.4	TRACE	.0*	4.9*
75	.0	1.2	.9	.3	1.2	TRACE	TRACE	.2	8.4	.8	TRACE	.0	13.0
76	.0	1.0	TRACE	2.0	1.0	TRACE	TRACE	.0	.9	5.6	2.0	.4	12.9
77	1.0	.2	.4	.4	3.3	.0	TRACE	TRACE	1.8	8.3	.1	.5	16.0
78	TRACE	TRACE	1.4	2.8	.2	TRACE	.0	TRACE	5.8	6.1	1.6		17.9*
80					.1	TRACE	TRACE	.4	1.7	2.9	1.6	1.5	8.2*
81	2.4	1.7	TRACE	.2	1.9	.8	.0	TRACE	.5	3.4	1.2	.1	12.2
82	.4	1.2	.4	1.3	2.6	.2	TRACE	.2	1.8	1.5	TRACE	.4	10.0
83	.0	.4	.8	1.5	.2	TRACE	.0	1.2	5.6	4.4	1.3	TRACE	15.4
84	1.2	.7	TRACE	4.9	2.0	TRACE	.0	2.5	TRACE	4.6	.4	2.2	18.5
85	.8	TRACE	TRACE	TRACE	.3*	.7	.0	TRACE	1.2	2.0	1.3	2.7	9.0*
86	TRACE	.3	TRACE	TRACE	1.2	TRACE	TRACE	.1	1.8	3.4	.4	.8	8.0
87	4.4	.5	TRACE	1.2	1.2	1.2	.0	.3	2.8	9.2	1.2	.6	22.6
88	.0	1.0	1.2	.0	.2	TRACE	.0	.2	3.2				5.8*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 700630

STATION NAME: DEADHORSE AK (OLIKYOK AK DATA)
LST TO UTC: +09

PERIOD OF RECORD: 5708-7811,8005-8812
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	.0	.0	.0	.0	TRACE	.0	.0	.0	TRACE	.8	TRACE	.0	5.6
GREATEST	4.5	4.4	6.0	4.9	8.9	2.4	1.0	15.6	8.4	12.3	9.6	5.9	34.6
MEAN	1.1	.9	.7	1.4	1.6	.3	TRACE	.9	2.1	5.0	1.4	1.3	17.8
MEDIAN	.4	.6	TRACE	1.2	1.2	TRACE	.0	TRACE	1.7	4.7	1.2	.7	17.7
SD	1.490	1.086	1.217	1.440	1.833	.529	.194	2.899	2.006	2.653	1.902	1.627	6.837
TOTAL OBS	896	818	896	869	923	899	895	949	926	928	891	887	10777

THE GREATEST VALUE OF 15.6 OCCURRED ON 08/69

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 3 - 2B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 700630

STATION NAME: DEADHORSE AK (OLIKTOK AK DATA)
LST TO UTC: +09

PERIOD OF RECORD: 5708-7811,8005-8812
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
57								.0*	TRACE	3.0	TRACE	.1	3.0*
58	2.0	1.0	.7	.4	1.0	TRACE	.0	.0	.2	3.0	.5	TRACE	3.0
59	TRACE	1.0	TRACE	1.0	.5	TRACE	.9	TRACE	1.0	1.0	1.0	2.0	2.0
60	.1	TRACE	TRACE	TRACE	1.0	TRACE	.0	TRACE	2.0	2.0	1.0	2.0	2.0
61	TRACE	TRACE	3.0	1.0	1.0	.0	.2	TRACE	.3	2.0	.5*	1.5	3.0*
62	1.0	TRACE	1.0	1.0	1.2	TRACE	.0	2.2	1.0	1.3	.7	TRACE	2.2
63	.4	1.0	TRACE	3.2	.2	TRACE	TRACE	.1	TRACE	1.0	.1	TRACE	3.2
64	TRACE	1.0	.0	.5	1.9	.2	TRACE	.5	.4	1.3	1.4	2.0	2.0
65	.5	.4	.3	2.3	2.1	TRACE	.0	TRACE	1.7	2.4	2.0	4.0	4.0
66	.4	TRACE	1.0	TRACE	4.3	TRACE	.0	1.0	.9	1.0	.3	.6	4.3
67	2.2	.6	.5	.8	.5	1.6	.0	.8	TRACE	3.2	1.0	1.1	3.2
68	.8	1.4	1.0	.5	1.3	TRACE	.0	TRACE	1.0	2.0	1.3	2.5	2.5
69	3.0	2.0	.0	.6	TRACE	TRACE	.3	3.4	TRACE	2.0	2.0	.0	3.4
70	2.0	1.0	1.0	3.7	1.0	.6	TRACE	.0	1.0	1.4	1.0	TRACE	3.7
71	.0	.0	TRACE	.0	TRACE	.2	.0	TRACE	2.2	2.0	TRACE	TRACE	2.2
72	.2	TRACE	.0	TRACE	1.0	.1		TRACE	1.6	2.7	.1	.9	2.7*
73	.4	.6	TRACE	.7	1.0	1.1	TRACE	.0	.1	1.2	4.0	.8	4.0
74	TRACE	TRACE	TRACE	1.0	TRACE	.2	TRACE	TRACE	1.0	1.4	TRACE	.0*	1.4*
75	.0	.4	.8	.3	.6	TRACE	TRACE	.2	5.0	.4	TRACE	.0	5.0
76	.0	1.0	TRACE	1.0	1.0	TRACE	TRACE	.0	.7	1.6	.7	.4	1.6
77	1.0	.2	.2	.4	2.2	.0	TRACE	TRACE	1.2	1.7	.1	.5	2.2
78	TRACE	TRACE	.8	2.7	.1	TRACE	.0	TRACE	2.2	1.6	.8		2.7*
80					.1	TRACE	TRACE	.4	.6	.9	.9	1.0	1.0*
81	1.5	1.0	TRACE	.2	1.1	.8	.0	TRACE	.4	1.0	.8	.1	1.5
82	.4	1.2	.4	.4	.9	.2	TRACE	.2	.6	.8	TRACE	.4	1.2
83	.0	.4	.4	.9	.2	TRACE	.0	1.0	1.0	1.6	1.0	TRACE	1.6
84	.8	.4	TRACE	2.0	2.0	TRACE	.0	2.0	TRACE	4.0	.4	1.3	4.0
85	.4	TRACE	TRACE	TRACE	.3*	.7	.0	TRACE	.8	.5	.8	1.2	1.2*
86	TRACE	.3	TRACE	TRACE	.5	TRACE	TRACE	.1	.8	.9	.4	.6	.9
87	4.0	.4	TRACE	.8	1.2	1.2	.0	.2	1.2	3.2	.8	.4	4.0
88	.0	1.0	1.2	.0	.2	TRACE	.0	.2	2.0				2.0*

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5708-7811,8005-8812
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	4.0	2.0	3.0	3.7	4.3	1.6	.9	3.4	5.0	4.0	4.0	4.0	5.0
TOTAL OBS	896	818	896	869	923	899	895	949	926	928	891	887	10777

THE GREATEST VALUE OF 5.0 OCCURRED ON 09/30/75

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 3 - 3B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 700630

STATION NAME: DEADHORSE AK (OLIKTOK AK DATA)
LST TO UTC: +09

PERIOD OF RECORD: 5708-7-11,8005-8812
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	2.0			.6	.2	49.6	99.7	96.0	62.4	5.7		1.5	27.1
TRACE			.1	.2	1.8	14.5	.3	2.8	22.4	13.6	.2	.7	4.8
1	.8			1.0	9.0	10.8		.5	9.5	10.7	.2	.1	3.6
2	.3	.4		3.6	6.1	8.8		.5	4.6	21.4	8.3	2.1	4.8
3	3.5	3.3	3.2	2.3	6.2	8.7		.1	.6	19.9	22.2	7.9	6.5
4-6	50.7	32.4	29.8	25.5	37.1	7.2			.3	23.1	55.2	60.8	26.6
7-12	38.8	60.4	63.4	61.7	33.8	.4			.1	5.6	13.9	23.4	24.6
13-24	3.9	3.5	3.5	5.1	5.8							3.5	2.1
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	98.0	100.0	99.9	99.2	97.9	35.9		1.2	15.2	80.7	99.8	97.9	68.1
TOTAL NO. OF OBSERVATIONS	896	818	895	870	924	899	894	949	926	928	892	887	10778

B - 4 - 1

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 700630

STATION NAME: DEADHORSE AK (OLIKTOK AK DATA)
LST TO UTC: +09

PERIOD OF RECORD: 5708-7811,8005-8812
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
57								0*	0	4	4	3	4*
58	2	3	3	2	2	0	0	0	TRACE	7	7	5	7
59	6	8	8	9	8	3	0	TRACE	1	3	4	8	9
60	8	8	9	8	9	3	0	TRACE	2	4	4	4	9
61	4	4	9	3	3	1	0	0	TRACE	6	6*	7	9*
62	8	8	8	9	7	5	0	3	1	3	5	5	9
63	7	7	6	10	9	1	TRACE	TRACE	TRACE	3	3	3	10
64	3	5	5	5	5	1	0	0	TRACE	3	4	6	6
65	7	7	7	9	8	TRACE	0	TRACE	1	4	12	19	19
66	19	19	21	21	19	5	0	TRACE	TRACE	2	3	4	21
67	7	7	9	10	5	1	0	0	TRACE	4	5	8	10
68	10	13	12	6	5	3	0	0	1	4	5	9	13
69	14	12	11	8	3	1	0	2	TRACE	3	4	4	14
70	6	7	7	8	11	4	0	0	4	9	11	11	11
71	11	11	11	11	11	3	0	0	2	5	5	5	11
72	7	7	7	7	6	1	0	0	2	4	4	5	7*
73	6	7	7	11	12	2	0	0	TRACE	5	11	12	12
74	12	12	12	13	12	5	0	TRACE	TRACE	4	4	4*	13*
75	4	6	7	7	7	5	TRACE	0	7	8	6	6	8
76	6	7	7	10	10	4	0	0	0	5	7	7	10
77	6	6	6	5	6	3	TRACE	0	1	6	6	7	7
78	7	7	8	9	6	3	0	0	2	7	9		9*
80					15	8	0	TRACE	1	7	4	6	15*
81	7	8	8	8	9	4	0	TRACE	TRACE	3	4	4	9
82	5	12	6	7	9	4	0	0	1	3	3	4	12
83	4	4	5	6	6	3	0	0	3	3	6	6	6
84	7	8	8	13	15	6	0	TRACE	TRACE	4	3	5	15
85	6	6	6	6	6*	TRACE	0	0	2	2	4	6	6*
86	6	7	7	7	7	4	0	0	2	5	6	7	7
87	7	8	8	9	10	5	0	0	2	8	12	10	12
88	10	11	12	12	10	5	0	TRACE	1				12*

B - 4 - 2A

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5708-7811,8005-8812
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	19	19	21	21	19*	8	TRACE	3*	7	9	12*	19*	21*
TOTAL OBS	896	818	895	870	924	899	894	949	926	928	892	887	10778

THE GREATEST VALUE OF 21 OCCURRED ON 03/07/66

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 4 - 28

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 700630

STATION NAME: DEADHORSE AK (OLIKTOK AK DATA)

PERIOD OF RECORD: 5708-7811,8005-8812

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
57 - 58	SEP 08	OCT 01	OCT 16	JUN 09	MAY 20	MAY 27
58 - 59	SEP 15	SEP 29	OCT 07	JUL 27	JUL 27	JUN 15
59 - 60	AUG 05	SEP 05	SEP 06	JUN 08	MAY 09	JUN 18
60 - 61	AUG 23	SEP 17	SEP 18	JUL 22	JUL 03	JUN 05
61 - 62	AUG 22	SEP 28	OCT 10	JUN 08	MAY 28	JUN 16
62 - 63	AUG 22	AUG 22	AUG 23	JUL 15	MAY 31	JUN 12
63 - 64	AUG 04	AUG 04	OCT 12	JUL 18	JUN 30	JUN 01
64 - 65	AUG 02	AUG 04	OCT 11	JUN 19	MAY 21	MAY 26
65 - 66	AUG 28	SEP 07	SEP 08	JUN 25	MAY 17	JUN 16
66 - 67	AUG 09	AUG 16	OCT 12	JUN 29	JUN 29	JUN 03
67 - 68	AUG 08	AUG 11	OCT 22	JUN 30	MAY 21	JUN 17
68 - 69	AUG 28	SEP 20	SEP 25	JUL 28	JUL 26	JUN 11
69 - 70	AUG 02	AUG 05	AUG 10	JUL 07	JUN 08	JUN 22
70 - 71	SEP 05	SEP 15	SEP 15	JUN 14	JUN 13	JUN 08
71 - 72	AUG 03	SEP 03	SEP 05	JUN 06	JUN 06	JUN 09
72 - 73	AUG 30	SEP 16	SEP 16	JUL 22	JUN 24	JUN 05
73 - 74	SEP 02	SEP 29	OCT 05	JUL 05	JUN 11	JUN 13
74 - 75	AUG 23	SEP 30	OCT 01	JUL 25	MAY 23	JUN 14
75 - 76	AUG 05	AUG 10	SEP 19	JUL 10	MAY 29	JUN 20
76 - 77	SEP 03	SEP 04	OCT 10	JUL 03	MAY 23	JUN 06
77 - 78	AUG 31	SEP 19	SEP 20	JUN 22	MAY 22	JUN 07
78 - 79	AUG 07	SEP 20	SEP 21	NOV 24	NOV 22	NOV 30
79 - 80	MAY 02	MAY 30	MAY 01	JUL 29	MAY 30	JUN 13
80 - 81	AUG 13	AUG 31	SEP 19	JUN 05	JUN 05	JUN 15
81 - 82	AUG 27	SEP 19	OCT 02	JUL 27	JUN 13	JUN 22
82 - 83	AUG 03	AUG 03	SEP 16	JUN 14	MAY 16	JUN 04
83 - 84	AUG 27	AUG 29	SEP 06	JUN 05	MAY 01	JUN 07
84 - 85	AUG 23	AUG 23	OCT 12	JUN 15	JUN 10	MAY 31
85 - 86	AUG 16	SEP 08	SEP 09	JUL 10	MAY 26	JUN 15

B - 5 - 1A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 700630

STATION NAME: DEADHORSE AK (OLIKTOK AK DATA)

PERIOD OF RECORD: 5708-7811,8005-8812
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
86 - 87	AUG 21	AUG 22	SEP 25	JUN 14	JUN 10	JUN 15
87 - 88	AUG 28	AUG 28	SEP 14	JUN 17	MAY 26	JUN 15
88 - 89	AUG 08	AUG 30	SEP 12	SEP 27	SEP 21	SEP 26
MEDIAN-DATE	AUG 22	SEP 04	SEP 20	JUN 27	MAY 29	JUN 11

B - 5 - 18

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	CCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRR	TT	CC
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCC
PP	AA AA	RR RR	TT	CCCCC

C - 1 - 1

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.3										.6	4.8	5.0
020-040	.6	1.6	.6	.2								3.0	7.6	6.5
050-070	.5	3.8	9.8	10.3	4.0	.5						28.7	14.3	15.0
(E) 080-100	.5	2.4	5.5	2.6	1.8	1.1	.6	.1				14.6	14.6	13.0
110-130	.1	2.4	1.3	.1								3.9	8.5	8.0
140-160		.7	.3									1.0	8.8	8.0
(S) 170-190	.1	1.5	.2									1.8	7.2	7.0
200-220	.3	1.0	1.5	.9	.1	.1						4.0	11.7	11.0
230-250	1.3	5.0	9.0	5.1	3.2	.6	.2					24.4	13.0	12.0
(W) 260-280	.5	4.0	3.2	1.5	1.0	.8	.3					11.3	12.5	11.0
290-310	.6	1.0	.5	.1	.2							2.4	8.1	6.0
320-340	.3	.8	.1									1.3	5.4	5.0
VARIABLE														
CALM	////////////////////////////////////											3.1	////////////////////////////////	
TOTALS	5.0	24.5	32.0	20.8	10.3	3.1	1.1	.1				100.0	12.3	12.0
TOTAL NUMBER OF OBSERVATIONS 877														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.9										1.5	4.8	5.0
020-040	.6	1.0	.2		.1							1.9	6.0	6.0
050-070	.3	4.9	9.7	9.5	3.2	.8						28.3	14.1	14.0
(E) 080-100	.1	3.4	5.0	2.8	2.1	1.5	.8					15.7	15.1	14.0
110-130	.2	1.2	.3	.3								2.1	9.2	9.0
140-160	.1	.8	.1									1.0	6.3	5.0
(S) 170-190	.1	.5	.3									.9	7.9	8.5
200-220		1.0	1.9	1.4	.5							4.7	13.2	13.5
230-250	.6	4.7	9.9	5.4	4.0	.3	.2					25.2	13.4	13.0
(W) 260-280	.5	3.0	3.6	1.1	.8	.1	.5					9.6	12.4	11.0
290-310	1.1	2.3	.3	.2	.2							4.2	7.7	7.0
320-340	.3	.3										.7	4.8	4.5
VARIABLE														
CALM	////////////////////////////////////											4.2	////////////////////////////////	
TOTALS	4.5	24.0	31.3	20.7	10.9	2.7	1.5					100.0	12.5	12.0
TOTAL NUMBER OF OBSERVATIONS 886														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.5										.5	6.0	6.0
020-040	.7	1.5	.2	.1								2.5	6.5	5.0
050-070	.3	4.2	8.2	12.4	3.5	.7						29.3	14.5	15.0
(E) 080-100	.6	2.9	3.9	2.4	2.0	1.7	.6		.2			14.3	15.5	14.0
110-130		1.8	1.1	.2	.1							3.3	9.4	9.0
140-160	.2	.7			.1							1.0	7.8	6.0
(S) 170-190	.1	.6	.1	.1								.9	8.3	7.5
200-220	.6	.9	1.8	.7	.3							4.3	11.1	11.0
230-250	.8	5.6	9.9	6.4	3.6	.5	.3					27.2	13.3	12.0
(W) 260-280	.9	2.7	2.4	1.0	.9	.1						8.0	10.8	10.0
290-310	1.1	1.9	.6	.2								3.8	7.0	6.5
320-340	.3	.5										.8	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											4.2	////////////////////////////////	
TOTALS	5.6	23.8	28.2	23.5	10.5	3.0	.9		.2			100.0	12.4	12.0
TOTAL NUMBER OF OBSERVATIONS 887														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 09 11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.8	.1									1.1	5.5	5.0
020-040	.2	1.4	.8	.2								2.6	8.6	1.0
050-070	.3	4.2	9.1	11.0	4.0	.3	.1					29.2	14.4	15.0
(E) 080-100	.6	2.3	3.4	3.1	2.8	1.4	.6	.1	.1			14.4	16.0	15.0
110-130	.1	1.4	.7	.1	.1							2.4	9.0	8.0
140-160	.2	.6	.2									1.0	6.4	6.0
(S) 170-190	.2	1.4	.1									1.7	6.7	6.0
200-220		1.7	1.8	1.1	.1	.2						5.1	12.2	11.5
230-250	.5	5.7	7.8	5.9	3.0	.3	.5					23.7	13.3	13.0
(W) 260-280	1.1	3.4	2.1	.7	1.5	.3	.2					9.4	11.8	10.0
290-310	.7	1.6	.9	.1								3.3	7.6	7.0
320-340	.6	.1	.3									1.0	6.6	4.0
VARIABLE														
CALM	////////////////////											5.1	////////	
TOTALS	4.7	24.6	27.3	22.2	11.5	2.5	1.4	.1	.1			100.0	12.4	12.0
TOTAL NUMBER OF OBSERVATIONS 871														

C - 4 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.5	.1									.9	6.6	5.0
020-040	.7	1.1	1.4	.2								3.4	8.6	8.5
050-070	.1	5.5	8.8	10.8	3.1	.7						29.0	14.1	15.0
(E) 080-100	1.1	2.6	3.4	3.0	1.6	2.5						14.3	14.9	14.0
110-130	.1	2.1	1.4	.1								3.6	8.3	8.0
140-160	.2	1.0	.3									1.6	7.1	6.5
(S) 170-190	.5	.3		.1								.9	6.8	4.5
200-220	.1	1.4	2.9	1.3								5.6	11.6	12.0
230-250	.6	5.1	7.8	5.2	2.5	.2	.3					21.8	13.0	12.0
(W) 260-280	1.3	3.2	2.1	1.7	1.3	.5	.1	.1				10.1	12.0	10.0
290-310	.5	1.1	.6	.1	.3							2.6	10.1	8.0
320-340	.7	.7	.3									1.7	6.5	5.0
VARIABLE														
CALM	////////////////////////////////////											4.4	////////////////////////////////	
TOTALS	6.2	24.6	29.1	22.5	8.8	3.9	.4	.1				100.0	12.1	12.0

TOTAL NUMBER OF OBSERVATIONS 877

C - 4 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.7	.3									1.3	7.5	6.0
020-040	.6	1.4	.6	.1								2.6	7.8	8.0
050-070	.6	5.2	8.9	9.9	4.7	.1						29.4	14.3	14.5
(E) 080-100	.6	3.0	3.8	3.8	1.8	1.4	.1	.1				14.5	14.6	14.0
110-130	.9	1.7	.9	.1								3.6	7.5	8.0
140-160	.1	.5										.6	6.0	7.0
(S) 170-190	.1	.3	.2									.7	7.5	7.5
200-220	.1	1.0	2.4	1.6	.3							5.5	12.5	12.5
230-250	.6	5.9	7.9	4.7	2.5	.5	.3					22.3	13.0	12.0
(W) 260-280	.9	2.8	3.5	1.7	.8	.5	.3	.1				10.7	12.8	11.5
290-310	.7	1.4	.6		.1							2.7	7.3	6.0
320-340	.9	.8	.1									1.8	5.1	4.5
VARIABLE														
CALM	////////////////////											4.3	////	////
TOTALS	6.3	24.7	29.2	21.9	10.2	2.5	.7	.2				100.0	12.2	12.0
TOTAL NUMBER OF OBSERVATIONS 878														

C - 4 - 6

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND		
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65	
(N) 350-010	.8	.2	.1									1.1	4.7	4.0	
020-040	.5	1.3	1.3	.2								3.2	9.1	9.0	
050-070	.5	4.2	9.9	9.7	4.4	.3						29.0	14.3	14.0	
(E) 080-100	.5	4.0	4.6	3.1	1.7	.5	.6	.1				14.9	13.6	12.0	
110-130	.5	1.9	.8	.1	.1							3.4	8.3	8.0	
140-160	.2	.8										1.0	5.1	5.0	
(S) 170-190	.1	.3										.5	5.5	6.0	
200-220	.2	1.3	1.1	2.3	.5							5.4	12.8	15.0	
230-250	.7	5.5	8.9	5.0	1.6	.8	.8					23.2	13.4	12.0	
(W) 260-280	.5	3.4	3.0	1.7	.9	.3	.1	.5				10.4	13.0	10.0	
290-310	.2	1.0	.2	.2	.1		.1	.1				2.1	12.1	8.0	
320-340	1.3	.9	.3			.1						2.6	6.3	5.0	
VARIABLE															
CALM	////////////////////////////////////										3.2	////////////////////////////////			
TOTALS	6.0	24.8	30.2	22.3	9.3	2.0	1.6	.7				100.0	12.4	12.0	
TOTAL NUMBER OF OBSERVATIONS 878															

C - 4 - 7

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND		
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65	
(N) 350-010	.1	1.0	.1									1.3	6.5	6.0	
020-040	.5	1.0	.5	.1								2.0	8.0	8.5	
050-070	.8	4.3	9.0	11.5	4.1							29.7	14.0	15.0	
(E) 080-100	.6	2.8	6.3	3.3	1.6	.9	.2	.2				15.9	14.0	13.0	
110-130	.8	1.9	.6	.2								3.5	7.6	8.0	
140-160	.1	.3										.5	5.3	5.5	
(S) 170-190	.2	.7	.1									1.0	6.0	6.0	
200-220	.3	1.5	1.3	1.4	.2	.1						4.8	11.5	10.5	
230-250	1.4	5.9	8.9	5.0	2.2	.6	.6					24.5	12.8	12.0	
(W) 260-280	.7	3.2	2.4	1.3	.6	.5	.3	.2				9.1	12.8	11.0	
290-310	.3	1.8	.6	.2	.2	.1	.1					3.4	10.3	8.0	
320-340	.6	.8	.1									1.5	5.2	5.0	
VARIABLE															
CALM	////////////////////////////////////										2.8	////////////////////////////////			
TOTALS	6.4	25.2	29.9	23.0	8.9	2.2	1.2	.4				100.0	12.3	12.0	
TOTAL NUMBER OF OBSERVATIONS 879															

C - 4 - 8

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: ALL

DIRECTION	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64			
(DEGREES)											%	WIND	WIND
(N) 350-010	.3	.6	.1								1.0	5.8	5.0
020-040	.5	1.3	.7	.2	.0						2.7	8.0	8.0
050-070	.4	4.5	9.2	10.6	3.9	.4	.0				29.1	14.3	15.0
(E) 080-100	.6	2.9	4.5	3.0	1.9	1.4	.4	.1	.0		14.8	14.8	14.0
110-130	.3	1.8	.9	.2	.0						3.2	8.4	8.0
140-160	.2	.7	.1		.0						1.0	6.8	6.0
(S) 170-190	.2	.7	.1	.0							1.1	7.0	7.0
200-220	.2	1.2	1.8	1.3	.3	.1					4.9	12.1	12.0
230-250	.8	5.4	8.8	5.3	2.8	.5	.4				24.0	13.2	12.0
(W) 260-280	.8	3.2	2.8	1.3	1.0	.4	.2	.1			9.8	12.3	10.0
290-310	.7	1.5	.5	.2	.2	.0	.0	.0			3.1	8.6	7.0
320-340	.6	.6	.2			.0					1.4	5.8	5.0
VARIABLE													
CALM	////////////////////////////////////										3.9	////////////////////////////////	
TOTALS	5.6	24.4	29.7	22.1	10.1	2.8	1.0	.2			100.0	12.3	12.0
TOTAL NUMBER OF OBSERVATIONS 7033													

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.3	.8	.3									1.3	6.4	5.0
020-040	.6	2.1	1.2	.4	.1							4.3	8.6	8.0
050-070	.3	4.3	10.6	22.2	9.3	.6						47.3	15.7	16.0
(E) 080-100	.3	1.3	.7	2.4	2.2	2.3	.5	.1				9.7	18.9	20.0
110-130	.2	.6	.1	.2	.1							1.2	9.1	8.0
140-160		.2	.1									.3	7.0	6.0
(S) 170-190	.1	.3	.1	.1								.5	8.6	7.5
200-220	.1	.5	.1		.1	.1						.9	9.9	8.0
230-250	.2	2.1	1.8	4.4	5.4	.7	.1					14.8	16.8	18.0
(W) 260-280	.3	2.5	2.6	2.4	2.3	.8	.3					11.1	14.6	15.0
290-310	.5	2.3	.6	.3	.3							3.9	8.8	7.0
320-340	.5	.5	.2									1.2	6.2	5.0
VARIABLE														
CALM	////////////////////////////////////											3.6	////////////////////////////////	
TOTALS	3.4	17.5	18.4	32.4	19.8	4.5	.9	.1				100.0	14.5	16.0

TOTAL NUMBER OF OBSERVATIONS 1597

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 00-02

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.4	.1									1.5	6.6	6.5
020-040	.5	1.7	.5	.2								3.0	7.8	8.0
050-070	.4	3.7	4.5	2.6	2.4	.1	.2					13.9	13.1	12.0
(E) 080-100	.2	1.9	3.5	2.9	3.5	.9	.1	.4				13.3	16.4	16.0
110-130		1.7	.6	.4	.2							3.0	9.9	8.0
140-160	.1	.4										.5	6.3	6.5
(S) 170-190	.1	1.1										1.2	6.2	6.5
200-220	.1	.9	2.0	1.4	.5							4.8	13.0	13.0
230-250	.1	7.0	15.2	6.2	4.8	1.9	.4			.1		35.7	14.0	12.0
(W) 260-280	.2	5.2	4.5	1.7	1.5	1.2	.2	.2				14.9	13.5	11.0
290-310	.1	1.6	.9	.1	.4	.1						3.2	10.2	8.5
320-340	1.0	1.4										2.4	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											2.6	////////////////////////////////	
TOTALS	2.8	28.0	31.8	15.5	13.3	4.2	.9	.6		.1		100.0	12.8	12.0
TOTAL NUMBER OF OBSERVATIONS 805														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	1.7	.1									2.1	6.8	7.0
020-040	.2	1.1	.4	.1								1.9	8.3	8.0
050-070	.1	2.1	4.4	2.7	1.5	.6						11.5	13.6	13.0
(E) 080-100	.2	3.0	4.2	3.5	2.3	1.7		.1	.1			15.2	15.5	15.0
110-130	.4	1.9	.7									3.0	8.0	8.0
140-160		.9	.1									1.0	7.0	6.5
(S) 170-190	.4	.6	.1									1.1	6.6	7.0
200-220	.1	.5	1.7	1.0	.2	.1	.2					4.0	14.3	13.0
230-250	.4	7.5	16.7	7.5	4.4	2.6	.2		.1			39.5	13.9	12.0
(W) 260-280	.1	4.3	2.6	2.5	1.9	.7	.2					12.3	13.5	11.0
290-310	.4	2.0	.4	.2	.4							3.3	8.8	6.0
320-340	.9	1.7	.2									2.8	5.4	5.0
VARIABLE														
CALM	////////////////////////////////////											2.3	////////////////////////////////	
TOTALS	3.4	27.3	31.6	17.5	10.7	5.7	.6	.1	.2			100.0	12.8	12.0
TOTAL NUMBER OF OBSERVATIONS 810														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.2	2.1	.2									2.6	5.6	5.0
020-040		1.1	.4	.1								1.6	9.3	8.0
050-070	.1	2.2	4.6	3.7	2.1	.7						13.4	14.0	14.0
(E) 080-100	.4	2.0	4.7	3.2	2.6	1.6			.4			14.8	16.0	15.0
110-130	.2	.9	.7	.4								2.2	9.6	9.5
140-160		1.2										1.2	6.9	7.0
(S) 170-190	.7	1.0	.1									1.8	5.6	6.0
200-220	.6	1.7	2.5	1.1	.2	.4						6.5	11.8	10.0
230-250	.1	6.0	17.6	5.9	5.0	1.0	.5	.4				36.6	14.0	12.0
(W) 260-280	.2	4.4	3.0	2.0	1.2	1.1						11.9	13.1	11.0
290-310	1.4	.9	.5			.1						2.8	6.9	5.0
320-340	.6	.6	.4									1.6	6.0	5.0
VARIABLE														
CALM	////////////////////////////////////										2.8	////////////////////////////////		
TOTALS	4.5	24.1	34.7	16.4	11.1	4.9	.5	.4	.4			100.0	12.7	12.0
TOTAL NUMBER OF OBSERVATIONS 812														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.3	1.0	.3									1.5	6.4	6.0
020-040	.6	3.0	.4	.4								4.4	7.8	7.0
050-070	.3	2.9	4.1	3.4	1.4	.6	.3					12.9	13.8	14.0
(E) 080-100	.4	1.5	3.9	3.5	2.8	1.3	.4	.1				13.8	16.5	15.5
110-130	.4	.4	1.4									2.1	9.1	10.0
140-160	.4	.9	.1									1.4	5.7	5.0
(S) 170-190	.3	.9	.4	.1								1.6	8.0	7.0
200-220		1.8	1.9	1.4	.3	.1						5.4	11.8	12.0
230-250	.8	6.4	16.3	7.6	4.3	.6	.3	.4	.1			36.7	13.6	13.0
(W) 260-280	.8	5.6	3.9	2.6	1.6	.6			.1			15.3	12.5	10.0
290-310	.4	.9	.4	.5			.3	.1				2.5	12.3	8.5
320-340	.1	.5		.1								.8	8.7	8.0
VARIABLE														
CALM	////////////////////////////////////										1.6	////////////////////////////////		
TOTALS	4.8	25.8	33.1	19.6	10.4	3.2	1.3	.6	.2			100.0	12.8	12.0
TOTAL NUMBER OF OBSERVATIONS 798														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	1.5										2.3	5.2	5.0
020-040	.1	2.2	.2	.6								3.2	8.8	7.5
050-070	.7	2.8	6.0	2.3	1.1	.7						13.8	12.6	12.0
(E) 080-100	.6	1.0	3.9	2.7	3.7	1.0	.1	.2				13.3	16.4	16.0
110-130	.6	.4	1.1		.2	.1						2.5	10.4	10.0
140-160		.6										.6	6.4	6.0
(S) 170-190	.4	.7	.6									1.7	7.9	7.0
200-220	.2	1.0	1.8	1.4	.2	.1						4.8	12.1	10.0
230-250	.5	9.7	11.3	9.9	3.6	1.0	.7		.1			36.8	13.7	13.0
(W) 260-280	.4	5.7	3.3	3.1	1.6	.5			.1			14.7	12.7	10.0
290-310	.2	2.1	.2			.2	.1					3.0	8.9	6.0
320-340	.6	.5										1.1	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											2.2	////////////////////////////////	
TOTALS	5.2	28.2	28.4	20.0	10.4	3.6	.9	.2	.2			100.0	12.5	12.0
TOTAL NUMBER OF OBSERVATIONS 812														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.9	.2									1.4	6.5	6.0
020-040	.2	1.5	.7									2.5	7.9	7.5
050-070	.9	2.1	5.4	3.5	1.4	.9						14.1	13.6	13.0
(E) 080-100	.5	1.7	4.0	2.8	2.5	.6	.2	.1				12.5	15.0	15.0
110-130	.4	1.5	.9	.9	.2	.1						4.0	11.5	10.5
140-160	.2	.5										.7	6.3	7.0
(S) 170-190	.1	.9	.1	.1								1.2	7.1	5.5
200-220	.4	1.7	1.9	1.6	.5							6.1	12.3	12.0
230-250	.2	8.3	11.1	6.6	5.6	.6	.7		.2	.1		33.5	14.3	13.0
(W) 260-280	.6	6.1	3.8	2.0	1.5	1.1	.2	.1				15.5	12.5	10.0
290-310	.6	2.2	.4		.1							3.3	6.8	6.0
320-340	.6	1.1										1.7	5.3	5.0
VARIABLE														
CALM	////////////////////											3.6	////////	
TOTALS	4.9	28.5	28.5	17.5	11.8	3.3	1.1	.2	.2	.1		100.0	12.4	12.0
TOTAL NUMBER OF OBSERVATIONS 809														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.4	.3	.1									.8	5.8	4.5
020-040		1.8	1.0		.1							2.9	8.9	9.0
050-070	.6	4.3	3.7	3.0	1.6	.1	.1					13.5	12.7	12.0
(E) 080-100	1.0	2.1	3.5	3.8	2.6	.9	.4					14.4	15.3	15.0
110-130	.1	.6	.5	.3	.4							1.9	12.3	10.0
140-160	.1	1.3	.3									1.6	7.2	7.0
(S) 170-190	.1	.4	.1									.6	6.8	6.0
200-220	.1	1.6	2.1	1.4	.5							5.8	12.5	12.0
230-250	.3	6.6	11.1	8.4	5.3	1.4	.4	.3	.1	.3		34.0	15.0	14.0
(W) 260-280	1.3	7.1	2.5	1.6	1.9	.6	.4					15.4	11.6	9.0
290-310	.6	2.3	.8		.1	.1	.1					4.0	8.9	7.5
320-340	.4	.9	.1	.1								1.5	7.2	7.0
VARIABLE														
CALM	////////////////////////////////////										3.5	////////////////////////////////		
TOTALS	5.0	29.3	25.8	18.6	12.5	3.1	1.4	.3	.1	.3		100.0	12.7	12.0
TOTAL NUMBER OF OBSERVATIONS 793														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.2	.2										.5	4.5	4.0
020-040	.9	3.0	.6	.2								4.7	7.5	7.0
050-070	.5	3.4	5.9	2.1	2.0	.1	.4					14.3	13.1	12.0
(E) 080-100	.1	1.6	2.7	3.9	2.4	1.1	.4	.1				12.3	16.6	17.0
110-130	.2	1.2	.9	.4								2.7	9.9	9.0
140-160	.1	1.1	.1									1.4	6.6	7.0
(S) 170-190		.7	.1	.1								1.0	8.6	7.5
200-220	.2	.7	2.5	2.2	.2							6.0	12.9	13.0
230-250	.5	5.9	12.2	6.7	4.2	2.2	.6	.1				32.5	14.8	13.0
(W) 260-280	.5	6.7	5.1	1.6	1.1	.7						15.8	11.4	10.0
290-310	.4	1.5	.9	.1	.1	.1						3.1	9.6	8.0
320-340	.5	2.0										2.5	6.1	6.0
VARIABLE														
CALM	////////////////////////////////////										3.0	////////////////////////////////		
TOTALS	4.1	28.0	31.0	17.3	10.0	4.2	1.4	.2				100.0	12.6	12.0
TOTAL NUMBER OF OBSERVATIONS 802														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	1.1	.1									1.6	6.0	6.0
020-040	.3	1.9	.5	.2	.0							3.0	8.2	8.0
050-070	.5	2.9	4.8	2.9	1.7	.5	.1					13.4	13.3	12.0
(E) 080-100	.4	1.8	3.8	3.3	2.8	1.1	.2	.1	.1			13.7	15.9	15.0
110-130	.3	1.1	.9	.3	.1	.0						2.7	10.1	9.0
140-160	.1	.9	.1									1.1	6.6	7.0
(S) 170-190	.3	.8	.2	.0								1.3	7.1	7.0
200-220	.2	1.2	2.0	1.4	.3	.1	.0					5.4	12.5	12.0
230-250	.4	7.2	13.9	7.4	4.7	1.4	.5	.1	.1	.1		35.7	14.1	13.0
(W) 260-280	.5	5.6	3.6	2.1	1.5	.8	.1	.0	.0			14.5	12.5	10.0
290-310	.5	1.7	.5	.1	.1	.1	.1	.0				3.2	9.0	7.0
320-340	.6	1.1	.1	.0								1.8	5.8	5.0
VARIABLE														
CALM	////////////////////////////////////											2.7	////////////////////////////////	
TOTALS	4.4	27.3	30.5	17.7	11.2	4.0	1.0	.2	.2	.1		100.0	12.7	12.0
TOTAL NUMBER OF OBSERVATIONS 6441														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	1.1										1.5	5.1	5.0
020-040	.6	3.2	.6	.7	.1							5.2	8.3	7.0
050-070	.8	4.3	6.2	6.0	3.4	.6						21.3	13.5	13.0
(E) 080-100		1.1	3.2	4.3	3.9	1.9	.3	.3				15.0	18.2	18.0
110-130	.1	.2	.3	.2								.8	11.4	11.5
140-160	.1	.1										.2	6.5	6.5
(S) 170-190	.2	.1	.1									.4	6.0	4.0
200-220	.1	.2	.3	.5	.7							1.9	16.0	18.0
230-250	.1	6.0	7.2	5.7	8.0	2.4	.4					29.9	15.6	16.0
(W) 260-280	.5	6.4	2.1	3.3	4.0	1.3	.2					17.9	14.3	14.0
290-310	.7	1.4	.1	.2	.7	.2						3.3	10.5	6.0
320-340	.7	.2	.1	.1								1.1	5.8	4.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////	
TOTALS	4.3	24.3	20.2	21.0	20.8	6.4	.9	.3				100.0	14.2	15.0

TOTAL NUMBER OF OBSERVATIONS 1218

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	.5	1.0										1.5	5.8	5.0
020-040	.6	2.3	1.6	.2		.2	.1					5.1	9.8	9.0
050-070	.5	6.1	13.1	7.5	3.6	.8	.1					31.6	13.5	13.0
(E) 080-100	.1	2.5	3.4	2.6	1.0	.8	.6					11.1	14.8	14.0
110-130	.5	.7	.6	.2	.1							2.1	9.5	8.0
140-160	.2	.3										.6	4.6	5.0
(S) 170-190		.5										.5	7.5	8.0
200-220		1.0	2.0	1.3	.1							4.4	12.1	11.0
230-250	.1	5.3	12.9	7.9	2.0	.6		.1				28.8	13.4	13.0
(W) 260-280	.1	3.7	3.9	1.7	.5	.5		.1				10.4	12.3	10.0
290-310	.1	1.1	.7									2.0	8.1	8.0
320-340	.5	.2										.7	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											1.4	////////////////////////////////	
TOTALS	3.2	24.7	38.2	21.4	7.3	2.9	.8	.2				100.0	12.6	12.0
TOTAL NUMBER OF OBSERVATIONS 871														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	.8	.2										1.0	4.0	4.0
020-040	.6	1.2	1.9	.1			.2					4.0	10.0	10.0
050-070	.1	6.4	13.7	6.4	3.4	.6	.2					30.8	13.4	13.0
(E) 080-100	.4	2.6	4.5	3.4	1.1	.9	.3					13.3	13.9	13.0
110-130	.2	.7	.3									1.2	8.1	8.0
140-160	.3	.1	.1									.6	6.0	4.0
(S) 170-190	.4	.2		.2								.9	7.0	4.5
200-220		.9	1.6	1.5	.3							4.3	13.0	13.0
230-250	.1	5.6	12.6	7.0	3.5	.7	.1					29.6	13.5	13.0
(W) 260-280	.2	3.6	3.8	1.0	.9	.3	.1	.2				10.2	12.4	10.0
290-310	.2	1.6	.3									2.1	7.2	8.0
320-340	.2	.3										.6	6.0	7.0
VARIABLE														
CALM	////////////////////////////////////											1.3	////////////////////////////////	
TOTALS	3.5	23.4	38.8	19.6	9.2	2.5	.9	.2				100.0	12.6	12.0
TOTAL NUMBER OF OBSERVATIONS 889														

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.3	.4	.1									.9	5.9	5.0
020-040	.2	2.1	1.5	.1								3.9	8.6	8.0
050-070	.2	4.6	12.8	6.3	2.9	.9	.3					28.0	13.7	13.0
(E) 080-100	.7	3.0	5.1	2.1	1.7	1.3	.2					14.2	13.9	13.0
110-130	.1	1.7	.6	.1								2.5	8.5	8.0
140-160	.2	.4		.1								.8	7.0	6.0
(S) 170-190	.1	.2										.3	5.7	5.0
200-220	.3	1.5	1.3	2.1	.4							5.7	12.1	13.0
230-250	.9	5.4	10.6	7.7	2.6	.8						27.9	13.1	12.0
(W) 260-280	.3	3.0	4.7	1.5	.6	.3	.2					10.6	12.0	11.0
290-310	.1	1.8	.6									2.5	7.4	7.0
320-340	.1	.7	.2									1.0	7.1	7.0
VARIABLE														
CALM	////////////////////////////////////										1.8	////////////////////////////////		
TOTALS	3.5	24.8	37.5	20.0	8.2	3.3	.7					100.0	12.3	12.0
TOTAL NUMBER OF OBSERVATIONS 896														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.4				.1						.8	7.7	5.0
020-040	.4	2.0	1.2	.3		.1						4.1	9.2	8.0
050-070	.6	4.0	10.9	6.9	3.7	.8	.6					27.4	14.1	13.0
(E) 080-100	.8	3.2	3.0	2.8	2.1	.2	.4	.2	.1			12.9	14.5	13.0
110-130	1.1	1.2	.8		.2							3.3	7.6	6.5
140-160		.3	.1									.4	6.8	6.0
(S) 170-190	.3	.6										.9	5.5	5.5
200-220	.2	1.0	1.0	1.2	.1							3.6	11.6	12.0
230-250	.9	8.5	11.4	6.3	3.0	.2	.1	.1				30.5	12.5	12.0
(W) 260-280	.3	3.0	4.1	1.8	1.1							10.4	12.1	12.0
290-310	.3	1.1	.6									2.0	7.4	7.0
320-340	.1	.8										.9	6.8	8.0
VARIABLE														
CALM	////////////////////											2.8	////////	
TOTALS	5.2	26.1	33.1	19.3	10.2	1.4	1.1	.3	.1			100.0	12.2	12.0
TOTAL NUMBER OF OBSERVATIONS 898														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND		
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65	
(N) 350-010	.3	.6	.2									1.1	6.2	6.0	
020-040	.2	1.0	.9	.1	.2							2.5	10.2	9.0	
050-070	.8	4.8	10.3	6.3	3.6	1.1	.7					27.6	14.0	13.0	
(E) 080-100	.4	2.9	3.3	3.5	2.5	.8	.1	.3	.3			14.2	15.5	15.0	
110-130	.3	.8	.3	.6								2.0	9.4	8.5	
140-160	.7	.4	.1									1.2	5.2	4.0	
(S) 170-190	.7	.2	.1									1.0	4.8	4.0	
200-220	.3	.7	1.3	1.1	.2							3.7	12.2	13.0	
230-250	1.0	6.3	10.2	5.4	2.4	.4		.1				25.8	12.5	12.0	
(W) 260-280	1.1	3.7	5.3	2.5	.9							13.5	11.2	10.0	
290-310	.6	1.0	.7									2.2	6.8	6.5	
320-340		.6										.6	6.4	6.0	
VARIABLE															
CALM	////////////////////////////////////										4.5	////////////////////////////////			
TOTALS	6.4	23.0	32.7	19.5	9.8	2.3	.8	.4	.3			100.0	12.1	12.0	
TOTAL NUMBER OF OBSERVATIONS 890															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.8	.1									1.2	6.4	5.0
020-040	.9	1.6	.7		.2							3.3	7.9	7.0
050-070	.3	5.2	9.9	7.5	4.1	1.6	.2					28.9	14.3	14.0
(E) 080-100	.6	1.9	3.8	2.2	2.6	.7	.6	.2	.2			12.7	16.2	15.0
110-130	.9	1.1	1.0	.1								3.1	7.4	7.0
140-160	.4	.9										1.3	5.6	5.0
(S) 170-190	.7	.6	.4									1.7	6.7	7.0
200-220	.8	1.6	1.8	1.1								5.2	9.9	10.0
230-250	.4	6.0	8.4	3.9	1.3	.9	.2	.1				21.3	12.7	12.0
(W) 260-280	1.2	4.6	5.9	3.0	.7			.1				15.5	11.1	11.0
290-310	.2	1.2	.7	.1								2.2	7.8	8.0
320-340	.3	.3										.7	4.5	4.5
VARIABLE														
CALM	////////////////////////////////////											2.8	////////////////////////////////	
TOTALS	7.0	25.8	32.7	17.9	8.9	3.2	1.0	.4	.2			100.0	12.1	11.0
TOTAL NUMBER OF OBSERVATIONS 897														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64					
(N) 350-010	.8	.7	.2									1.7	6.1	5.0	
020-040	.3	1.8	1.1	.1								3.4	8.3	8.5	
050-070	.8	3.3	12.6	5.3	4.9	1.3	.5					28.6	14.6	14.0	
(E) 080-100	.7	1.8	3.6	3.6	1.6	1.3	.5					13.1	15.2	15.0	
110-130	.6	1.1	1.0									2.7	7.7	7.0	
140-160		.3	.2									.6	9.0	9.0	
(S) 170-190	.3	.6	.5									1.4	7.3	8.0	
200-220	.8	1.1	1.5	.6	.1							4.1	9.6	10.0	
230-250	.3	5.1	9.4	6.0	1.9	.2		.1				23.2	12.8	12.0	
(W) 260-280	.6	5.6	6.1	1.9	.5	.1		.1				14.9	10.5	10.0	
290-310	.2	1.7	.3	.2			.1					2.6	9.0	7.0	
320-340	.8	.3	.2									1.4	5.6	4.0	
VARIABLE															
CALM	////////////////////////////////////											2.4	////////////////////////////////		
TOTALS	6.2	23.4	36.7	17.7	9.0	2.9	1.1	.2				100.0	12.1	12.0	
TOTAL NUMBER OF OBSERVATIONS 880															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.9										1.1	6.3	7.0
020-040	.1	1.5	1.6	.2								3.4	9.4	10.0
050-070	.5	4.6	13.2	7.4	4.2	1.0	.1					31.0	14.2	14.0
(E) 080-100	.3	1.8	2.7	3.4	2.1	.9	.7					12.0	16.1	15.0
110-130	.1	1.3	.9	.1								2.4	8.7	8.0
140-160	.1	.8										.9	7.1	7.0
(S) 170-190	.5	.6	.2	.1								1.4	7.8	6.5
200-220	.3	.8	1.1	.6	.1							3.0	10.9	10.0
230-250	.2	4.7	10.7	5.1	3.2	.1		.1				24.1	13.1	12.0
(W) 260-280	.3	5.0	5.8	2.3	.7	.2						14.4	11.3	10.0
290-310	.5	1.6	1.0	.1								3.2	7.6	6.0
320-340	.2	.6	.1									.9	5.6	5.5
VARIABLE														
CALM	////////////////////////////////////											2.3	////////	
TOTALS	3.3	24.2	37.3	19.3	10.3	2.2	.8	.1				100.0	12.5	12.0
TOTAL NUMBER OF OBSERVATIONS 878														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.4	.6	.1			.0						1.2	6.0	5.0
020-040	.4	1.7	1.3	.2	.1	.0	.0					3.7	9.2	8.5
050-070	.5	4.9	12.1	6.7	3.8	1.0	.3					29.2	14.0	13.0
(E) 080-100	.5	2.5	3.7	3.0	1.8	.9	.4	.1	.1			12.9	15.0	14.0
110-130	.5	1.1	.7	.1	.0							2.4	8.2	8.0
140-160	.3	.5	.1	.0								.8	6.2	6.0
(S) 170-190	.4	.4	.2	.0								1.0	6.6	5.0
200-220	.4	1.1	1.5	1.2	.2							4.2	11.4	12.0
230-250	.5	5.9	10.8	6.2	2.5	.5	.1	.1				26.4	13.0	12.0
(W) 260-280	.5	4.0	5.0	2.0	.7	.2	.0	.1				12.5	11.5	10.0
290-310	.3	1.4	.6	.1			.0					2.4	7.7	8.0
320-340	.3	.5	.1									.8	5.9	5.0
VARIABLE														
CALM	////////////////////////////////////											2.4	////////////////////////////////	
TOTALS	5.0	24.6	36.2	19.5	9.1	2.6	.8	.3	.1			100.0	12.3	12.0

TOTAL NUMBER OF OBSERVATIONS 7099

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.3	.9	.2									1.4	6.3	6.0
020-040	.6	3.0	2.0	.2	.1							5.9	7.5	8.0
050-070	.5	3.8	6.0	9.9	11.6	1.4	.1					33.3	16.7	18.0
(E) 080-100	.4	2.7	1.9	4.0	5.9	1.8	.1					16.9	17.1	18.0
110-130	.4	.8	.1	.3	.1							1.7	8.4	6.0
140-160	.3	.2										.5	4.2	4.0
(S) 170-190	.3	.2										.5	4.4	4.0
200-220	.3	.5	.4	.8								2.0	11.1	13.0
230-250	.4	3.8	3.6	4.1	4.0	1.1						16.9	14.9	15.0
(W) 260-280	.1	4.0	5.3	2.6	1.8	.4						14.2	12.9	12.0
290-310	.3	1.9	.7	.1								3.1	7.6	7.0
320-340	.2	.4										.6	6.3	7.0
VARIABLE														
CALM	////////////////////////////////////											3.0	////////////////////////////////	
TOTALS	4.1	22.2	20.2	22.0	23.5	4.7	.2					100.0	14.1	15.0

TOTAL NUMBER OF OBSERVATIONS 983

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.1	1.3	.2									2.6	5.4	5.0
020-040	.5	2.6	2.5	.1								5.7	8.3	9.0
050-070	.6	4.7	12.0	9.9	5.0	1.8	.6					34.6	14.9	14.5
(E) 080-100	.1	3.0	4.1	2.0	.8		.1					10.2	12.3	11.5
110-130	.2	1.7	.1		.4							2.4	8.5	7.0
140-160	1	1.1	.8									2.0	8.2	8.0
(S) 170-190	.1	.9	.5									1.5	8.0	7.0
200-220	.6	.7	2.7	.5	.2							4.7	10.9	11.0
230-250	.6	5.0	9.2	5.2	.5							20.5	11.8	12.0
(W) 260-280	.4	4.7	2.1	1.2	.4							8.8	9.8	9.0
290-310	.6	1.8	1.1		.1							3.6	8.2	8.0
320-340	.6	.8	.2									1.7	6.1	5.0
VARIABLE														
CALM	////////////////////////////////////										1.9	////////////////////////////////		
TOTALS	5.5	28.3	35.5	18.9	7.4	1.8	.7					100.0	11.7	11.0

TOTAL NUMBER OF OBSERVATIONS 845

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	.9										1.4	5.2	5.0
020-040	.8	2.8	1.5	.5								5.6	8.3	8.0
050-070	.2	5.2	11.1	9.2	5.7	2.0	.3					33.8	15.0	15.0
(E) 080-100	.7	3.6	3.8	1.9	.5	.1	.1					10.7	11.1	11.0
110-130	.5	1.5	.2	.2	.2							2.7	8.5	7.0
140-160	.9	.9	.5									2.3	6.8	7.0
(S) 170-190	.2	.5	.6									1.3	8.6	8.0
200-220		1.0	2.2	.8		.2						4.3	11.7	11.0
230-250	.1	7.7	11.1	4.9	.7							24.4	11.5	11.0
(W) 260-280	.6	3.3	1.7	.8		.1						6.5	9.4	8.5
290-310	.7	2.1	.8	.3	.1							4.1	8.3	7.0
320-340	.1	1.2	.1									1.4	6.1	5.0
VARIABLE														
CALM	////////////////////											1.5	////////	
TOTALS	5.3	30.7	33.6	18.6	7.2	2.4	.4					100.0	11.6	11.0
TOTAL NUMBER OF OBSERVATIONS 859														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.9	1.6	.5									3.0	5.8	6.0
020-040	.7	1.6	2.0	.1								4.4	8.3	8.5
050-070	1.5	5.8	10.6	7.9	5.1	1.4	.5					32.7	14.1	14.0
(E) 080-100	.6	2.5	3.9	2.3	.7	.7	.1	.3				11.2	13.7	12.0
110-130	.5	1.3	.5	.2	.2							2.6	8.9	7.0
140-160	.6	.7	.1									1.4	6.1	6.0
(S) 170-190		.3	.6									.9	9.5	10.0
200-220	.1	1.6	2.1	.6								4.4	10.7	11.0
230-250	.5	9.7	10.1	3.6	1.0	.1						25.0	10.9	10.0
(W) 260-280	.6	3.8	2.1	1.4	.2	.1						8.2	9.9	9.0
290-310	.2	1.5	.7	.2								2.6	9.0	8.0
320-340	.7	.9										1.6	5.9	6.0
VARIABLE														
CALM	////////////////////////////////////										2.1	////////////////////////////////		
TOTALS	6.9	31.3	33.2	16.3	7.2	2.3	.6	.3				100.0	11.4	10.0
TOTAL NUMBER OF OBSERVATIONS 869														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	.9	.1									1.9	5.4	5.0
020-040	.5	1.7	1.0	.1								3.4	8.0	8.0
050-070	.6	4.3	9.1	9.1	5.3	1.4	.3					30.1	15.1	15.0
(E) 080-100	.5	3.9	4.8	2.1	1.0	.7	.3	.5				13.8	13.6	12.0
110-130	.8	1.3	.6	.1	.7	.2						3.7	10.8	8.0
140-160		.3	.2									.6	7.6	7.0
(S) 170-190	.5	1.4	.3									2.2	6.6	6.0
200-220	.5	1.0	1.6	.3	.1							3.6	9.8	10.0
230-250	1.0	8.4	6.7	3.6	1.3	.3						21.4	11.0	10.0
(W) 260-280	1.2	8.0	2.8	1.0	.2							13.2	8.5	8.0
290-310	.8	1.9	.7									3.4	6.8	5.0
320-340	.5	.5	.2									1.2	5.9	5.0
VARIABLE														
CALM	////////////////////											1.6	////////	
TOTALS	7.7	33.6	28.1	16.3	8.6	2.6	.6	.5				100.0	11.5	10.0
TOTAL NUMBER OF OBSERVATIONS 861														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND		
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65	
(N) 350-010	.9	.9	.2									2.1	6.2	5.5	
020-040		1.0	1.0	.1								2.2	9.5	10.0	
050-070	.3	3.3	10.7	6.7	7.3	1.7	.2					30.3	15.5	15.0	
(E) 080-100	.8	5.6	4.0	2.2	1.7	.3	.2	.6	.1			15.6	13.1	10.0	
110-130	.6	1.4	.6	.7		.3						3.6	11.0	8.0	
140-160	.3	.1	.2									.7	7.5	6.0	
(S) 170-190	.6	.7		.1								1.4	6.0	5.0	
200-220		2.3	1.1	.6								4.0	9.5	9.0	
230-250	1.0	4.9	4.5	3.6	1.6	.1	.1					15.8	11.9	10.0	
(W) 260-280	.8	6.8	4.7	1.6	.1	.1						14.1	9.5	9.0	
290-310	.9	2.5	1.4	.3								5.2	7.8	6.0	
320-340	1.0	1.5										2.5	5.5	5.0	
VARIABLE															
CALM	////////////////////////////////////										2.5	////////////////////////////////			
TOTALS	7.2	31.0	28.4	15.9	10.7	2.5	.5	.6	.1			100.0	11.8	11.0	
TOTAL NUMBER OF OBSERVATIONS 871															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	2.1	.6	.1								3.3	7.4	7.5
020-040		.8	1.0	.1		.1						2.1	11.1	11.0
050-070	.1	6.9	10.0	8.6	6.2	1.5	.5					33.7	14.9	14.0
(E) 080-100	.2	5.5	4.3	3.8	2.0	.5		.3	.2			16.9	13.7	12.0
110-130	.9	2.6	.7	.5	.2							4.9	8.6	7.0
140-160	.3	.7	.2									1.3	6.1	5.0
(S) 170-190	.3	1.3	.1									1.7	5.4	5.0
200-220	.5	2.1	.9	.6								4.1	9.0	8.0
230-250	.6	4.4	3.6	2.4	1.2	.1						12.3	11.7	11.0
(W) 260-280	1.0	4.4	4.3	1.4	.6	.2						12.0	10.4	10.0
290-310	.7	2.2	1.4	.2								4.5	8.5	9.0
320-340	.9	1.4		.1								2.4	5.6	5.0
VARIABLE														
CALM	////////////////////////////////////											.8	////////////////////////////////	
TOTALS	6.0	34.4	27.1	17.8	10.2	2.4	.5	.3	.2			100.0	12.0	11.0
TOTAL NUMBER OF OBSERVATIONS 860														

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OPERATING LOCATION "A"
USAFETAC, ASHFVILIF NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	1.8	.2	.2								2.8	7.3	6.5
020-040	.1	2.6	1.7		.1							4.6	8.8	8.5
050-070	.7	6.8	11.1	7.1	5.2	1.7	.3					33.0	14.2	14.0
(E) 080-100	.2	3.9	6.3	2.5	3.2		.1	.2				16.6	13.7	13.0
110-130	.3	2.5	1.0									3.9	7.6	7.0
140-160	.2	.9	.1									1.3	6.2	6.0
(S) 170-190	1.0	1.3	.1									2.4	5.3	5.0
200-220	.3	1.6	1.3	.2								3.4	8.9	8.0
230-250	.7	3.1	6.0	2.1	.6							12.4	11.6	11.0
(W) 260-280	.8	4.3	3.3	1.7	.5							10.6	10.4	10.0
290-310	.6	3.2	1.4	.2	.3							5.7	8.8	8.0
320-340	.2	1.4	.2									1.8	6.7	6.5
VARIABLE														
CALM	////////////////////////////////////											1.5	////////////////////////////////	
TOTALS	5.6	33.4	32.7	14.0	9.9	1.7	.4	.2				100.0	11.5	11.0
TOTAL NUMBER OF OBSERVATIONS 870														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LC TO UTC: + 9

PERIOD OF RECORD: JAN 80 DEC 89
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.3	1.6	.3									2.3	6.8	7.0
020-040	.6	3.7	1.0	.8								6.2	8.6	8.0
050-070	.1	7.1	11.3	8.9	4.4	1.3	.3	.1				33.6	14.1	14.0
(E) 080-100	.5	2.4	5.0	2.8	1.6	.3	.1	.1				12.9	13.6	13.0
110-130	.2	2.2	1.0	.1	.2							3.8	9.2	8.0
140-160	.1	.9	.2									1.3	7.5	8.0
(S) 170-190	.1	1.3	.5									1.9	7.4	6.5
200-220	.1	1.5	2.1	.7								4.4	10.9	10.5
230-250	.3	2.7	7.7	2.2	.3	.2						13.5	11.9	12.0
(W) 260-280	.5	4.6	2.9	1.6	.5							10.1	10.4	9.0
290-310	.8	2.7	.9									4.4	7.5	7.0
320-340	.7	1.4	.2									2.3	5.8	5.0
VARIABLE														
CALM	////////////////////////////////////										3.4	////////////////////////////////		
TOTALS	4.3	32.1	33.1	17.1	7.0	1.8	.4	.2				100.0	11.4	11.0
TOTAL NUMBER OF OBSERVATIONS 861														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	1.4	.3	.0								2.4	6.3	6.0
020-040	.4	2.1	1.5	.2	.0	.0						4.2	8.6	8.0
050-070	.5	5.5	10.7	8.4	5.5	1.6	.4	.0				32.7	14.7	14.0
(E) 080-100	.4	3.8	4.5	2.5	1.5	.3	.1	.3	.0			13.5	13.2	12.0
110-130	.5	1.8	.6	.2	.2	.1						3.5	9.2	7.0
140-160	.3	.7	.3									1.3	7.0	7.0
(S) 170-190	.4	1.0	.3	.0								1.7	6.8	6.0
200-220	.3	1.5	1.8	.5	.0	.0						4.1	10.2	10.0
230-250	.6	5.7	7.4	3.4	.9	.1	.0					18.2	11.5	11.0
(W) 260-280	.7	5.0	3.0	1.3	.3	.1						10.4	9.8	9.0
290-310	.7	2.2	1.0	.2	.1							4.2	8.1	8.0
320-340	.6	1.1	.1	.0								1.9	5.9	5.0
VARIABLE														
CALM	////////////////////////////////////											1.9	////////////////////////////////	
TOTALS	6.1	31.8	31.5	16.7	8.5	2.2	.5	.3				100.0	11.6	11.0
TOTAL NUMBER OF OBSERVATIONS 6896														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	.8	1.0	.2	.2							2.0	6.4	6.0
020-040	.3	1.6	.4	.2							2.5	8.2	8.0
050-070	.4	6.7	14.5	14.8	13.0	2.0	.2				51.5	15.6	16.0
(E) 080-100	.4	4.0	4.8	4.4	2.7	.5	.3				17.2	14.1	14.0
110-130	.4	1.7	.1	.2	.3						2.6	8.7	6.0
140-160	.5	.2									.8	4.6	4.0
(S) 170-190	.3	.8	.1								1.2	5.5	5.0
200-220		.7	.5	.1	.1	.1					1.4	10.8	9.0
230-250	.1	2.9	2.0	.8	.3	.2	.1				6.3	11.1	10.0
(W) 260-280	.5	2.6	1.4	2.2	.3	.2					7.2	11.7	11.0
290-310	.3	1.6	1.7	.5	.2						4.2	10.4	10.0
320-340	.4	1.3	.5								2.1	7.3	8.0
VARIABLE													
CALM	////////////////////////////////////										1.1	////////////////////////////////	
TOTALS	4.4	25.1	26.2	23.4	16.9	3.0	.6				100.0	13.4	13.0

TOTAL NUMBER OF OBSERVATIONS 1327

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	2.5	.3									3.4	6.3	6.0
020-040	.3	3.5	1.9	.3	.1							6.2	8.9	8.0
050-070	.1	7.6	11.0	12.2	6.1	1.4	.2					38.6	14.5	15.0
(E) 080-100	.3	5.4	6.0	4.4	4.1	1.8						22.0	14.4	14.0
110-130	.8	1.7	.5	.1								3.0	6.9	6.0
140-160	.1	.5										.6	5.4	6.0
(S) 170-190	.6	.5										1.0	5.6	4.0
200-220	.1	.9	1.6	.2								2.8	10.5	10.0
230-250	.1	3.2	3.8	1.8	.2							9.1	11.0	11.0
(W) 260-280	.3	1.5	2.4	.1	.5	.1						4.8	10.9	10.0
290-310	.2	1.8	1.2	.2	.1							3.6	9.1	8.0
320-340	.3	2.0										2.4	5.9	5.0
VARIABLE														
CALM	////////////////////////////////////											2.5	////////	
TOTALS	3.8	31.1	28.7	19.3	11.1	3.3	.2					100.0	12.1	12.0

TOTAL NUMBER OF OBSERVATIONS 887

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.9	2.4	.1	.1								3.5	6.2	6.0
020-040	.1	3.3	1.8									5.2	8.3	8.0
050-070	.6	7.1	11.5	13.2	5.0	1.4	.1	.1				38.9	14.3	15.0
(E) 080-100	.2	3.7	5.2	4.6	4.1	1.2	.6					19.7	15.4	15.0
110-130	.2	1.7	.9									2.8	7.6	7.0
140-160	.1	.2										.3	4.7	5.0
(S) 170-190	.5	.8	.2									1.5	6.1	6.0
200-220	.1	1.1	.9	.1	.1							2.4	9.6	9.0
230-250	.6	3.2	3.6	1.9	.2							9.5	10.7	10.5
(W) 260-280	.3	2.7	2.0	1.0	.2							6.3	10.0	10.0
290-310	.5	1.7	1.5	.5	.1							4.2	9.1	9.0
320-340	.7	1.5										2.2	5.5	6.0
VARIABLE														
CALM	////////////////////////////////////										3.4	////////////////////////////////		
TOTALS	4.8	29.4	27.7	21.4	9.7	2.6	.7	.1				100.0	12.0	12.0
TOTAL NUMBER OF OBSERVATIONS 882														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.4	1.9	.3	.1								2.8	7.0	7.0
020-040	.1	1.6	1.6	.2								3.5	9.5	10.0
050-070	.3	7.3	10.1	12.5	4.7	.7	.1					35.7	14.0	15.0
(E) 080-100		5.0	7.9	5.5	4.6	2.1	.6					25.7	15.0	14.0
110-130	.7	.3	.6	.1								1.7	8.3	6.0
140-160	.1	.3										.4	4.8	5.0
(S) 170-190	.6	.8	.4									1.8	6.8	5.5
200-220	.6	.7	.8	.1								2.1	8.4	8.0
230-250	.3	4.3	3.7	1.8	.1							10.2	10.4	10.0
(W) 260-280	.4	2.6	2.8	.6	.2							6.6	9.9	10.0
290-310	.6	2.3	1.2	.2			.1					4.5	9.0	8.0
320-340	.9	1.1	.1									2.1	5.6	6.0
VARIABLE														
CALM	////////////////////////////////////										2.9	////////////////////////////////		
TOTALS	5.0	28.2	29.5	21.1	9.6	2.8	.8					100.0	12.1	12.0

TOTAL NUMBER OF OBSERVATIONS 894

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		1.5	.3									1.8	7.8	8.0
020-040		1.4	1.5									2.9	9.5	10.0
050-070		7.4	8.4	11.5	4.3	.8	.2					32.7	14.2	15.0
(E) 080-100	.3	5.4	8.7	8.8	6.6	1.9	.1					31.8	15.2	15.0
110-130	.3	1.5	.3									2.2	6.9	7.0
140-160	.5	.3										.8	4.9	4.0
(S) 170-190	.2	1.1	.1									1.5	6.5	6.0
200-220	.2	1.5	.9	.2								2.9	8.9	8.0
230-250	.7	4.4	2.3	.8								8.2	8.9	8.0
(W) 260-280	.2	4.2	3.2	1.5	.3	.1	.1					9.7	10.7	10.0
290-310	.2	1.8	1.1			.1						3.3	9.1	8.0
320-340	.2	.8										1.0	5.7	6.0
VARIABLE														
CALM	////////////////////////////////////											1.3	////////////////////////////////	
TOTALS	2.8	31.3	26.8	22.8	11.2	2.9	.4					100.0	12.6	12.0
TOTAL NUMBER OF OBSERVATIONS 877														

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.5	1.7	.8	.1								3.1	7.9	8.0
020-040		1.4	1.5	.1	.1							3.1	10.3	10.0
050-070		4.5	10.8	11.0	4.9	.9	.5					32.6	15.0	15.0
(E) 080-100	.1	3.4	8.7	8.6	5.1	3.2						29.2	16.1	16.0
110-130	.2	1.9	1.5	.2	.1							4.0	9.7	9.0
140-160	.1	.6										.7	6.3	5.5
(S) 170-190	1.1	.6	.1									1.8	5.0	4.0
200-220	.2	1.0	.2	.1								1.6	7.1	5.0
230-250	.3	3.2	1.5	1.1								6.1	9.7	9.0
(W) 260-280	.3	4.3	2.5	2.3	.6							10.0	10.7	10.0
290-310	.3	3.1	.9	.1								4.4	7.6	7.0
320-340	.3	1.5										1.8	5.9	5.0
VARIABLE														
CALM	////////////////////////////////////										1.7	////////////////////////////////		
TOTALS	3.4	27.2	28.5	23.6	10.8	4.1	.5					100.0	12.9	12.0
TOTAL NUMBER OF OBSERVATIONS 881														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	2.8	.3									3.8	6.9	7.0
020-040		1.8	1.7	.4								3.9	9.9	10.0
050-070	.3	5.7	10.2	11.2	6.2	1.4	.2					35.4	15.0	15.0
(E) 080-100	.2	3.5	8.1	7.5	6.3	2.3	.4	.1				28.5	16.0	15.0
110-130	.3	1.6	.4	1.1								3.5	10.2	9.0
140-160	.6	1.0	.2									1.8	6.4	6.0
(S) 170-190	.1	.4	.1									.7	5.8	5.0
200-220		.9	.3	.1								1.3	9.3	8.0
230-250		1.7	1.3	.3								3.3	9.8	9.0
(W) 260-280	.6	4.5	1.9	1.8	.3	.1						9.1	10.3	9.0
290-310	.4	3.1	1.2	.3	.3	.3						5.8	10.0	8.0
320-340	.2	1.8	.1									2.1	5.9	5.0
VARIABLE														
CALM	////////////////////////////////////											.8	////////////////////////////////	
TOTALS	3.4	28.8	25.8	22.7	13.1	4.1	.6	.1				100.0	13.1	13.0
TOTAL NUMBER OF OBSERVATIONS 898														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND		
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65	
(N) 350-010	.2	3.9	1.0									5.2	7.2	7.0	
020-040	.1	2.5	1.7	.1								4.4	9.0	9.0	
050-070		6.5	12.9	11.3	6.2	1.7	.1					38.6	14.6	14.0	
(E) 080-100	.1	3.8	7.4	6.7	5.3	2.1	.4					25.9	15.8	15.0	
110-130	.4	2.2	.8	.3								3.8	8.3	7.5	
140-160	.2	1.0										1.2	5.8	6.0	
(S) 170-190	.2	.6										.8	5.1	5.0	
200-220	.6	.8	.9									2.2	7.6	8.0	
230-250		2.2	1.6	.6	.1							4.5	10.1	9.5	
(W) 260-280	.2	2.4	2.2	1.1	.2	.1						6.3	10.8	10.0	
290-310	.2	1.7	1.1	.3	.1	.2						3.7	10.0	8.0	
320-340	.4	1.5	.1									2.0	5.9	6.0	
VARIABLE															
CALM	////////////////////////////////////										1.5	////////////////////////////////			
TOTALS	2.6	29.1	29.7	20.4	11.9	4.1	.5					100.0	12.8	12.0	
TOTAL NUMBER OF OBSERVATIONS 893															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	2.5	.3									3.1	6.7	7.0
020-040	.2	3.7	2.1	.4								6.5	9.0	8.0
050-070		7.5	14.6	11.1	5.1	1.2	.1					39.6	14.0	14.0
(E) 080-100	.6	4.0	5.6	5.4	5.7	1.5	.1					22.9	15.3	15.5
110-130	.1	2.8	1.5									4.4	8.0	7.0
140-160	.1	.8										.9	5.3	5.0
(S) 170-190	.3	1.3										1.7	6.2	6.0
200-220	.3	1.2	1.7									3.3	9.0	10.0
230-250		2.9	2.6	.4	.1							6.1	10.2	10.0
(W) 260-280	.3	1.8	2.0	.3	.1		.1					4.7	10.5	10.0
290-310		.9	1.3	.2	.2							2.7	11.8	12.0
320-340	.8	1.7										2.5	5.0	5.0
VARIABLE														
CALM	////////////////////////////////////											1.7	////////////////////////////////	
TOTALS	3.0	31.1	31.7	17.8	11.2	2.7	.3					100.0	12.2	12.0
TOTAL NUMBER OF OBSERVATIONS 891														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: ALL

		WIND SPEED IN KNOTS															
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN		
(DEGREES)													%	WIND	WIND		
(N) 350-010		.5	2.4	.5	.0							3.3	7.0	7.0			
020-040		.1	2.4	1.7	.2	.0							4.4	9.2	9.0		
050-070		.2	6.7	11.2	11.8	5.3	1.2	.2	.0						36.5	14.4	15.0
(E) 080-100		.2	4.3	7.2	6.4	5.2	2.0	.3	.0						25.7	15.4	15.0
110-130		.4	1.7	.8	.2	.0							3.2	8.4	8.0		
140-160		.2	.6	.0							.8	5.7	5.0				
(S) 170-190		.5	.8	.1							1.3	6.0	5.0				
200-220		.3	1.0	.9	.1	.0							2.3	8.9	8.0		
230-250		.3	3.1	2.5	1.1	.1							7.1	10.2	10.0		
(W) 260-280		.4	3.0	2.4	1.1	.3	.1	.0							7.2	10.5	10.0
290-310		.3	2.1	1.2	.2	.1	.1	.0							4.0	9.5	8.0
320-340		.5	1.5	.0							2.0	5.7	5.0				
VARIABLE																	
CALM		////////////////////////////////////											2.0	////////////////////////////////			
TOTALS		3.9	29.6	28.5	21.1	11.0	3.4	.5							100.0	12.5	12.0
TOTAL NUMBER OF OBSERVATIONS 7103																	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	2.4	.5									3.3	7.1	7.0
020-040	.1	2.3	1.8	.2	.1							4.5	9.2	9.0
050-070	.1	8.4	14.3	16.7	6.8	1.4	.2	.0				48.0	14.5	15.0
(E) 080-100	.2	3.3	6.0	8.4	6.6	2.7	.4					27.7	16.6	17.0
110-130	.3	.8	.3	.2								1.6	8.4	8.0
140-160	.1	.2										.4	5.2	5.0
(S) 170-190	.2	.2	.1									.4	5.9	5.0
200-220	.2	.3	.0	.0								.5	6.4	5.0
230-250	.1	.9	.6	.4	.2							2.2	11.0	10.0
(W) 260-280	.2	1.5	1.5	.9	.4	.1	.0					4.7	11.8	10.5
290-310	.2	1.7	1.4	.3	.2	.2	.0					4.1	10.9	10.0
320-340	.3	1.1	.1									1.5	5.9	5.5
VARIABLE														
CALM	////////////////////											1.1	////////	
TOTALS	2.4	23.1	26.6	27.1	14.3	4.4	.6					100.0	13.8	14.0

TOTAL NUMBER OF OBSERVATIONS 3376

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	5.0	1.3									6.8	7.3	7.0
020-040	.5	4.0	2.0	.6	.1							7.1	9.1	8.0
050-070	.7	9.3	16.4	10.1	3.7	.4						40.5	12.8	12.0
(E) 080-100	.2	4.9	6.4	4.2	3.7	1.3	.1					21.0	14.2	14.0
110-130	.5	1.3	1.9									3.6	8.1	10.0
140-160		1.1	.4									1.4	7.3	6.5
(S) 170-190	.2	1.1	1.2									2.5	8.5	9.0
200-220	.1	.6	1.1	.1								1.9	10.4	11.5
230-250	.1	1.1	1.1	.9								3.2	10.9	12.0
(W) 260-280	.5	1.1	1.9	.8	.2							4.4	10.5	10.0
290-310	.1	1.9	1.2	.2	.1							3.5	8.5	8.0
320-340	.2	2.0	.4	.1								2.7	7.7	8.0
VARIABLE														
CALM	////////////////////////////////////											1.4	////////////////////////////////	
TOTALS	3.6	33.4	35.3	17.0	7.8	1.7	.1					100.0	11.4	10.0
TOTAL NUMBER OF OBSERVATIONS 854														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	2.9	.8									4.5	6.7	6.0
020-040	.5	4.1	1.8	.1								6.5	7.9	8.0
050-070	.6	9.1	15.1	7.5	4.0							36.3	12.4	12.0
(E) 080-100	.4	5.9	7.9	5.8	2.9	1.4	.2					24.5	13.7	13.0
110-130	.5	2.8	1.1	.1								4.5	7.5	7.5
140-160	.4	1.3	.1									1.8	6.3	7.0
(S) 170-190	.4	.9	.1	.2								1.6	7.5	6.5
200-220		.7	.4	.7								1.8	11.4	10.0
230-250	.2	1.8	1.4	1.3	.1							4.8	11.4	11.0
(W) 260-280	.1	1.8	1.5	1.3	.5							5.2	12.0	11.0
290-310	.8	2.0	1.2	.4	.1							4.5	8.5	8.0
320-340	.6	1.8	.2									2.6	5.9	5.0
VARIABLE														
CALM	////////////////////											1.5	////////	
TOTALS	5.2	35.1	31.6	17.4	7.6	1.4	.2					100.0	11.2	10.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	2.6	.9									4.4	6.7	6.5
020-040	.9	3.0	.8	.3								5.1	7.3	7.0
050-070	.7	9.7	11.9	8.0	2.9	.6						33.8	12.6	12.0
(E) 080-100	.5	5.5	7.9	6.5	3.4	.6						24.4	13.6	13.0
110-130	.3	3.3	1.0	.1								4.8	7.5	6.0
140-160	.2	1.4										1.6	6.6	7.0
(S) 170-190	.1	.1	.3									.6	9.2	12.0
200-220	.2	.7	1.3	.5								2.7	10.7	10.0
230-250	.5	2.2	2.3	1.6	.5	.1						7.2	11.4	11.5
(W) 260-280	.2	2.6	1.3	1.4	1.2							6.6	12.0	11.0
290-310	.7	3.1	.8	.3								5.0	7.8	7.0
320-340	.3	1.5										1.9	6.6	7.0
VARIABLE														
CALM	////////////////////////////////////											1.9	////////////////////////////////	
TOTALS	5.5	35.7	28.5	18.7	8.0	1.3						100.0	11.2	10.0

TOTAL NUMBER OF OBSERVATIONS 858

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	3.9	1.5	.1								6.1	7.6	7.0
020-040	.5	4.9	2.0	.4								7.7	8.3	8.0
050-070	.6	8.1	13.9	9.5	2.1							34.2	12.4	12.0
(E) 080-100	.2	5.4	6.2	5.8	3.0	1.6	.2					22.6	14.5	14.0
110-130	.2	2.0	.5	.2								2.9	7.9	8.0
140-160	.2	.2	.2									.7	6.8	6.0
(S) 170-190	.2	.1	.1	.1								.6	8.0	6.0
200-220	.1	1.3	.9	.6	.4							3.3	11.2	10.0
230-250	.2	1.9	2.9	.5	.7							6.2	11.2	11.0
(W) 260-280	.1	1.6	2.6	1.4	.8	.2						6.8	13.0	12.0
290-310	.5	3.0	1.3	.6								5.4	8.6	8.0
320-340	.1	2.2	.1									2.5	7.0	7.0
VARIABLE														
CALM	////////////////////											1.2	////////	
TOTALS	3.5	34.6	22.2	19.2	7.0	1.8	.2					100.0	11.5	10.0
TOTAL NUMBER OF OBSERVATIONS 855														

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	5.5	1.3									7.1	7.9	8.0
020-040	.2	6.8	4.5	.8								12.4	9.3	9.0
050-070	.1	7.3	14.1	10.7	4.0	.2						36.5	13.4	13.0
(E) 080-100	.1	2.6	7.9	4.2	3.5	1.5	.2					20.1	15.0	14.0
110-130		1.4	.4									1.8	7.3	7.0
140-160	.1	.5	.1									.7	6.7	6.0
(S) 170-190	.1	.4										.5	5.8	5.5
200-220	.1	.8	.4	.5	.1							1.9	11.4	9.5
230-250	.2	.9	.9	.7	.4	.1						3.3	12.6	12.0
(W) 260-280	.2	1.8	2.0	1.2	1.5	.2						6.9	14.0	14.0
290-310	.1	2.2	2.2	.8	.1							5.5	10.2	10.0
320-340	.1	.8	1.3		.1	.1						2.5	10.8	10.0
VARIABLE														
CALM	////////////////////////////////////											.8	////////////////////////////////	
TOTALS	1.5	31.0	35.1	18.9	9.7	2.1	.2					100.0	12.3	11.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	4.3	3.5	.2								8.2	9.3	9.0
020-040		6.0	4.8	.9	.1							11.8	10.2	9.0
050-070	.1	6.0	17.2	14.4	5.6	.2	.2					43.6	14.3	14.0
(E) 080-100		3.0	5.6	3.7	3.9	1.3						17.5	15.1	15.0
110-130	.1	1.5	.4									2.0	7.5	7.0
140-160	.2	.2										.5	4.8	4.5
(S) 170-190		.6										.6	6.4	6.0
200-220	.1	.2	.4	.1								.8	10.1	10.0
230-250	.2	.2	.6	.2	.4							1.6	12.5	11.0
(W) 260-280	.1	1.4	1.4	2.1	.7	.1						5.8	14.1	14.5
290-310		1.8	1.4	1.4	.4							4.9	12.2	10.0
320-340	.4	.8	1.1	.1	.1							2.5	9.6	10.0
VARIABLE														
CALM	////////////////////////////////////											.2	////////////////////////////////	
TOTALS	1.3	26.0	36.4	23.1	11.2	1.6	.2					100.0	13.0	12.0
TOTAL NUMBER OF OBSERVATIONS 857														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		6.1	3.3									9.4	8.7	9.0
020-040	.2	5.4	5.0	1.3	.1							12.1	10.2	10.0
050-070	.2	7.6	15.5	14.0	5.9	.4						43.5	13.9	14.0
(E) 080-100		3.2	4.9	5.6	4.1	.8						18.6	15.5	15.0
110-130		1.3	.5	.1								1.9	8.5	7.5
140-160	.1	.7	.2									1.1	6.9	6.0
(S) 170-190		.2	.1									.4	7.7	7.0
200-220		.6	.1	.1								.8	9.0	8.0
230-250		.1	.4	.6	.2							1.3	14.6	16.0
(W) 260-280	.1	1.5	.6	1.2	.7	.1						4.2	13.5	14.0
290-310	.1	1.4	.8	1.4								3.8	11.6	11.0
320-340		1.8	.9	.2								2.9	9.5	8.0
VARIABLE														
CALM	////////////////////////////////////											.1	////////////////////////////////	
TOTALS	.7	29.9	32.3	24.5	11.0	1.3						100.0	12.8	12.0

TOTAL NUMBER OF OBSERVATIONS 853

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND		
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65	
(N) 350-010	.6	5.8	1.2									7.5	7.2	7.0	
020-040	.2	5.4	3.4	.6	.1							9.8	8.9	8.0	
050-070	.4	9.4	15.5	11.5	4.9	.8						42.6	13.3	13.0	
(E) 080-100		3.1	5.9	7.3	3.3	.7						20.3	15.0	15.0	
110-130	.1	1.8	.8	.2								2.9	8.9	8.0	
140-160		.7	.7									1.4	9.0	9.5	
(S) 170-190	.1	.5	.5	.2								1.3	9.5	10.0	
200-220		.8	.6									1.4	8.6	8.5	
230-250		.7	.1	.8								1.6	11.2	12.5	
(W) 260-280	.2	1.1	.9	.9	.5							3.7	11.9	12.0	
290-310	.1	1.3	1.1	.6	.1							3.2	10.6	10.0	
320-340	.4	2.1	.7	.1								3.3	7.6	7.5	
VARIABLE															
CALM	////////////////////////////////////										.9	////////////////////////////////			
TOTALS	2.1	32.7	31.4	22.2	8.9	1.5						100.0	12.0	11.0	
TOTAL NUMBER OF OBSERVATIONS 849															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		.5	4.5	1.7	.0								6.7	7.8	8.0
020-040		.4	5.0	3.0	.6	.1							9.1	9.2	9.0
050-070		.4	8.3	14.9	10.7	4.1	.3	.0					38.9	13.2	13.0
(E) 080-100		.2	4.2	6.6	5.4	3.5	1.2	.1					21.1	14.5	14.0
110-130		.2	1.9	.8	.1								3.0	7.9	7.5
140-160		.2	.8	.2									1.1	7.0	7.0
(S) 170-190		.1	.5	.3	.1								1.0	8.1	7.0
200-220		.1	.7	.6	.3	.1							1.8	10.6	10.0
230-250		.2	1.1	1.2	.8	.3	.0						3.7	11.6	11.5
(W) 260-280		.2	1.6	1.5	1.3	.8	.1						5.5	12.7	12.0
290-310		.3	2.1	1.2	.7	.1							4.5	9.7	9.0
320-340		.3	1.6	.6	.1	.0	.0						2.6	8.1	8.0
VARIABLE															
CALM		////////////////////////////////////										1.0	////////////////////////////////		
TOTALS		3.1	32.3	32.6	20.1	9.0	1.6	.1					100.0	11.9	11.0
TOTAL NUMBER OF OBSERVATIONS 6824															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	3.1	1.3									4.6	8.1	8.0
020-040	.1	3.8	2.6	.9	.1							7.7	10.1	9.0
050-070	.4	8.5	16.3	13.6	5.9	.7	.0					45.4	13.8	14.0
(E) 080-100	.0	3.3	6.0	7.1	5.7	2.1	.3					24.6	16.3	16.0
110-130	.1	.9	.3									1.3	7.1	6.0
140-160	.1	.3										.3	5.3	6.0
(S) 170-190	.1	.1	.1	.0								.3	7.8	5.0
200-220	.0	.2	.1	.1	.0							.5	10.7	8.0
230-250	.1	.7	.5	.4	.1	.0						1.8	11.3	11.0
(W) 260-280	.2	1.3	1.2	1.4	1.2	.1						5.4	13.9	14.0
290-310	.5	1.8	1.7	1.1	.1							5.2	10.3	10.0
320-340	.3	1.8	.5	.0								2.7	7.6	8.0
VARIABLE														
CALM	////////////////////											.3	////////	
TOTALS	2.1	25.8	30.6	24.6	13.1	2.9	.3					100.0	13.3	13.0

TOTAL NUMBER OF OBSERVATIONS 2757

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	1.9	.8									3.4	7.2	7.0
020-040	.5	2.7	1.1	.5	.1							4.9	9.1	9.0
050-070	1.0	11.0	13.2	7.7	2.5							35.4	11.7	11.0
(E) 080-100	.2	6.5	6.6	4.9	1.7	.5						20.3	12.4	12.0
110-130		3.0	.9									3.9	7.9	8.0
140-160	.5	1.7	.3	.2								2.7	7.5	7.5
(S) 170-190	.6	2.6	.7									3.9	7.4	8.0
200-220	.1	1.2	1.9	.3	.1							3.7	10.7	10.0
230-250	.2	1.5	2.3	1.1	.5	.1						5.7	11.9	11.0
(W) 260-280		1.4	1.7	1.4	.6	.3						5.3	13.7	13.0
290-310	.1	2.6	.6	.6	.1							4.0	9.3	8.0
320-340	.3	3.7	.8									4.9	7.2	7.0
VARIABLE														
CALM	////////////////////////////////////											1.9	////////////////////////////////	
TOTALS	4.2	39.8	30.9	16.7	5.6	.9						100.0	10.7	10.0

TOTAL NUMBER OF OBSERVATIONS 881

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.6	1.6	.5	.1								2.7	6.6	6.0
020-040	.3	2.1	1.9	.1								4.5	8.7	9.0
050-070	.7	9.6	11.1	6.2	1.7							29.2	11.6	12.0
(E) 080-100	.3	8.0	7.2	3.9	1.7	.2						21.3	11.5	11.0
110-130	.8	3.0	.7									4.5	6.8	7.0
140-160	.1	1.7	.1	.1								2.1	7.3	7.0
(S) 170-190	.3	2.3	1.3	.2								4.1	8.4	8.0
200-220	.1	2.6	1.4	1.4								5.5	10.3	9.5
230-250	.3	1.4	2.9	2.2	.7							7.4	12.6	13.0
(W) 260-280	.5	1.9	3.3	1.8	.5							8.0	11.7	11.0
290-310	.3	2.3	1.5	.5	.1							4.7	9.1	8.0
320-340	1.3	2.2	.3									3.8	6.2	5.0
VARIABLE														
CALM	////////////////////////////////////										2.3	////////////////////////////////		
TOTALS	5.6	38.7	32.2	16.5	4.7	.2						100.0	10.3	10.0
TOTAL NUMBER OF OBSERVATIONS 876														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.4	2.1	.3									2.9	6.5	6.0
020-040	.3	1.7	1.2	.4								3.7	9.1	9.0
050-070	1.1	7.4	11.6	5.5	1.5							27.1	11.5	11.0
(E) 080-100	1.1	6.8	5.5	4.6	3.1	.2						21.4	12.2	11.0
110-130	.6	2.8	.6									3.9	6.7	6.0
140-160	.3	1.2	.3									1.9	6.8	7.0
(S) 170-190	.2	2.2	1.0	.1								3.6	8.1	8.0
200-220		1.9	1.9	.6	.1							4.5	10.6	10.0
230-250	.2	2.0	3.0	2.0	1.6	.3						9.2	13.7	13.0
(W) 260-280	.2	3.0	3.8	3.5	1.1							11.6	12.6	13.0
290-310		2.1	1.3	.9	.2							4.6	10.4	10.0
320-340	.3	1.6	.2	.2								2.4	7.5	6.0
VARIABLE														
CALM	////////////////////////////////////										3.2	////////////////////////////////		
TOTALS	4.7	34.8	30.7	17.8	7.6	.5						100.0	10.8	10.0

TOTAL NUMBER OF OBSERVATIONS 893

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	3.6	.9									5.3	7.1	7.0
020-040	.7	3.1	1.7	.5								5.9	8.5	8.0
050-070	1.4	6.6	10.2	8.6	1.9	.1						28.8	12.5	12.0
(E) 080-100	1.0	4.2	5.2	4.2	3.2	.1						17.9	13.1	13.0
110-130	.2	2.0	1.0	.1								3.4	8.0	7.0
140-160		.5	.7									1.1	10.5	10.0
(S) 170-190	.2	.8	.6									1.6	8.1	9.0
200-220		1.8	.8	.6	.2							3.4	10.3	8.5
230-250	.3	1.4	2.2	2.5	1.4	.3						8.1	14.1	15.0
(W) 260-280	.3	2.8	4.7	3.2	1.4	.5	.1					12.9	13.4	13.0
290-310	.5	2.7	2.0	1.0	.6	.1						6.9	10.9	10.0
320-340	.2	1.4	.6		.1							2.3	8.0	8.0
VARIABLE														
CALM	////////////////////////////////////											2.3	////////////////////////////////	
TOTALS	5.6	30.9	30.6	20.7	8.8	1.1	.1					100.0	11.5	11.0

TOTAL NUMBER OF OBSERVATIONS 881

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.6	4.6	2.1	.1								7.3	8.3	8.0
020-040	.2	5.3	4.8	.6								10.9	9.2	9.0
050-070	.7	5.4	12.7	10.8	4.6	.1						34.2	13.8	14.0
(E) 080-100	.2	1.3	5.3	4.4	2.1	.5	.2					13.9	14.9	15.0
110-130	.1	1.0	.7									1.8	7.7	7.0
140-160		.5	.5									.9	9.1	9.5
(S) 170-190		.6	.1	.1								.8	9.6	9.0
200-220		.8	1.0	.5	.2	.1						2.6	12.7	12.0
230-250		.7	2.3	1.7	.5	.2						5.4	14.6	14.0
(W) 260-280		.8	4.1	3.2	.9	.8						9.9	15.1	14.5
290-310	.2	1.5	3.4	1.8	.5	.1						7.6	12.2	12.0
320-340	.2	2.1	1.4	.2								3.9	8.6	9.0
VARIABLE														
CALM	////////////////////////////////////										.8	////////////////////////////////		
TOTALS	2.2	24.6	38.4	23.4	8.8	1.8	.2					100.0	12.5	12.0
TOTAL NUMBER OF OBSERVATIONS 873														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	4.1	4.2									8.4	9.0	9.5
020-040	.2	5.3	6.0	.6								12.1	9.4	10.0
050-070	.5	6.3	14.5	13.0	6.0	.6	.1					41.0	14.2	14.0
(E) 080-100	.1	1.0	4.0	6.0	2.3	.8						14.2	15.6	15.0
110-130		.1	.1									.2	9.0	9.0
140-160		.2										.2	7.0	7.0
(S) 170-190	.1	.6	.5									1.1	8.4	8.0
200-220	.1	.9	.7	.5		.1						2.3	11.6	10.5
230-250	.3	.3	1.9	1.0	.6		.1					4.3	13.4	13.5
(W) 260-280		.7	2.5	1.6	1.1	.5		.1				6.5	15.6	15.0
290-310		1.5	3.7	.6	.8							6.6	12.2	12.0
320-340		1.4	1.1	.2								2.7	9.8	9.5
VARIABLE														
CALM	////////////////////////////////////											.3	////////////////////////////////	
TOTALS	1.4	22.4	39.2	23.5	10.8	2.0	.2	.1				100.0	13.0	12.0
TOTAL NUMBER OF OBSERVATIONS 882														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND		
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65	
(N) 350-010	.2	4.1	2.1	.1								6.5	8.5	8.0	
020-040	.5	6.2	5.0	.6								12.2	9.3	9.0	
050-070	.6	6.0	17.2	10.6	5.7	.5						40.6	13.6	13.0	
(E) 080-100	.2	2.1	5.6	6.0	2.4	.3	.1					16.8	14.8	15.0	
110-130		1.1	.7	.2								2.1	10.2	9.0	
140-160	.2		.2									.5	7.0	7.0	
(S) 170-190		.5	.3									.8	8.3	9.0	
200-220		.9	.9									1.8	9.2	9.5	
230-250		1.0	1.1	.5	.1							2.7	11.6	11.0	
(W) 260-280		.8	1.6	1.6	.6	.5	.1	.1	.1			5.4	16.4	15.0	
290-310		1.5	2.4	1.4	.2	.1						5.6	12.4	12.0	
320-340	.2	1.9	2.1	.5								4.7	9.7	10.0	
VARIABLE															
CALM	////////////////////////////////////											.5	////////////////////////////////		
TOTALS	1.9	26.1	39.2	21.5	9.0	1.4	.2	.1	.1			100.0	12.5	12.0	

TOTAL NUMBER OF OBSERVATIONS 877

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.1	3.6	1.4									6.1	7.3	7.0
020-040	.2	4.4	2.5	.5								7.6	9.2	9.0
050-070	1.5	8.9	16.6	8.9	4.7	.3						40.9	12.5	11.0
(E) 080-100	.5	4.8	5.9	5.5	1.2	.2						18.2	12.6	12.0
110-130	.3	2.4	.9	.1								3.7	8.2	8.0
140-160		.7	.6									1.2	8.6	8.0
(S) 170-190	.3	.7	.6									1.6	8.5	9.0
200-220	.2	1.1	1.5	.1								2.9	8.8	10.0
230-250	.1	1.2	1.6	.9	.2							4.1	11.6	12.0
(W) 260-280		1.1	.8	.6	.7		.1	.1				3.4	14.4	12.5
290-310	.1	1.2	2.1	1.0	.1	.1						4.7	11.6	11.5
320-340	.3	3.3	1.0	.3								5.0	8.0	7.0
VARIABLE														
CALM	////////////////////////////////////										.7	////////////////////////////////		
TOTALS	4.6	33.4	35.5	17.9	6.9	.6	.1	.1				100.0	11.2	10.0
TOTAL NUMBER OF OBSERVATIONS 887														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.6	3.2	1.5	.0								5.3	7.8	8.0
020-040	.4	3.8	3.0	.5	.0							7.7	9.2	9.0
050-070	.9	7.7	13.4	8.9	3.6	.2	.0					34.7	12.8	12.0
(E) 080-100	.5	4.3	5.6	4.9	2.2	.4	.0					18.0	13.2	13.0
110-130	.3	1.9	.7	.1								2.9	7.7	7.0
140-160	.1	.8	.3	.0								1.3	7.9	8.0
(S) 170-190	.2	1.3	.6	.1								2.2	8.2	8.0
200-220	.1	1.4	1.3	.5	.1	.0						3.3	10.5	10.0
230-250	.2	1.2	2.2	1.5	.7	.1	.0					5.9	13.2	13.0
(W) 260-280	.1	1.6	2.8	2.1	.9	.3	.0	.0	.0			7.9	13.9	14.0
290-310	.2	1.9	2.1	1.0	.3	.1						5.6	11.2	10.0
320-340	.4	2.2	.9	.2	.0							3.7	8.1	8.0
VARIABLE														
CALM	////////////////////////////////////										1.5	////////////////////////////////		
TOTALS	4.0	31.3	34.4	19.8	7.8	1.1						100.0	11.6	11.0
TOTAL NUMBER OF OBSERVATIONS 7050														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	.6	3.4	1.9	.0							5.9	8.0	8.0
020-040	.2	4.3	4.2	.9							9.7	9.5	10.0
050-070	1.0	7.0	14.6	11.5	5.8	.1					40.0	13.4	13.0
(E) 080-100	.3	2.6	3.8	4.3	3.6	.5	.0				15.2	15.0	15.0
110-130	.1	1.2	.1								1.4	6.8	7.0
140-160		.1	.0								.1	8.0	9.0
(S) 170-190	.1	.0	.0								.2	5.8	4.5
200-220		.2	.0	.0	.0						.3	10.9	9.0
230-250	.1	.6	1.0	.9	.4	.2					3.2	13.9	14.0
(W) 260-280	.2	1.4	3.2	3.5	1.7	.7	.0	.0			10.7	15.2	15.0
290-310	.2	2.0	2.6	1.6	.7	.1					7.2	12.2	11.0
320-340	.3	3.3	1.2	.3	.0						5.1	8.5	8.0
VARIABLE													
CALM	////////////////////										.9	////////////////	
TOTALS	3.1	26.1	32.6	23.0	12.2	1.6					100.0	12.6	12.0

TOTAL NUMBER OF OBSERVATIONS 2057

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010		3.2	.7									3.9	7.8	8.0
020-040	.2	3.8	2.2	.7	.1							7.0	9.4	9.0
050-070	.3	7.8	8.1	4.9	2.1	.2						23.5	12.0	11.0
(E) 080-100	.1	6.6	6.0	2.4	.2							15.3	10.9	10.0
110-130	.2	3.6	1.1									4.9	7.5	8.0
140-160		2.9	.6									3.4	7.7	8.0
(S) 170-190	.2	3.3	1.7									5.3	8.3	9.0
200-220	.2	2.1	4.2	1.0								7.6	11.1	11.0
230-250		1.5	5.4	3.2	.5							10.5	12.8	13.0
(W) 260-280	.3	2.1	3.2	1.8	.5	.3	.1					8.4	12.3	11.0
290-310	.3	3.0	2.6	.6	.3							6.9	10.1	10.0
320-340	.1	1.1	.8	.1								2.2	8.7	9.0
VARIABLE														
CALM	////////////////////////////////////											1.1	////////////////////////////////	
TOTALS	1.9	41.0	36.6	14.7	3.7	.5	.1					100.0	10.6	10.0

TOTAL NUMBER OF OBSERVATIONS 873

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND		
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65	
(N) 350-010	.5	2.6	.8									3.9	7.2	6.0	
020-040		2.5	2.0	1.4	.5							6.3	11.3	10.0	
050-070	.5	6.7	6.6	4.4	1.2							19.4	11.5	11.0	
(E) 080-100	.2	5.9	6.0	2.8	.8							15.8	11.3	10.0	
110-130	.2	4.2	1.0									5.4	7.5	7.0	
140-160	.1	1.7	.5									2.3	7.3	7.5	
(S) 170-190		2.0	1.5									3.5	8.8	9.0	
200-220	.1	3.1	6.2	.8	.2							10.4	10.6	11.0	
230-250	.7	3.5	6.7	1.9	.5	.1						13.4	11.1	10.5	
(W) 260-280	.2	1.9	4.1	2.0	.8	.2						9.3	12.6	11.5	
290-310	.1	1.8	2.3	.6	.2	.1	.1					5.2	11.7	11.0	
320-340	.3	1.9	1.2									3.5	8.0	8.0	
VARIABLE															
CALM	////////////////////////////////////										1.6	////////////////////////////////			
TOTALS	2.9	37.8	38.9	13.9	4.2	.4	.1					100.0	10.5	10.0	

TOTAL NUMBER OF OBSERVATIONS 882

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND		
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65	
(N) 350-010	.6	2.6	.8									4.0	7.6	7.0	
020-040	.3	2.6	1.5	.9	.7							6.1	10.6	10.0	
050-070	1.1	5.7	6.8	3.8	1.1	.1						18.7	11.4	11.0	
(E) 080-100	.3	4.7	5.4	3.3	1.0							14.8	11.9	11.0	
110-130	.8	3.6	1.1									5.5	6.9	6.0	
140-160	.1	1.5	.1									1.7	6.9	7.0	
(S) 170-190	.5	1.3	1.0									2.8	7.7	8.0	
200-220	.2	3.4	5.2	.5								9.3	9.9	10.0	
230-250	.2	3.9	7.2	3.9	.6	.1						16.0	12.0	12.0	
(W) 260-280	.5	3.0	3.3	3.0	.9	.2		.1				11.0	12.8	12.5	
290-310		2.5	2.1	.8	.2							5.6	10.6	10.0	
320-340	.3	2.1	1.0									3.4	7.7	7.0	
VARIABLE															
CALM	////////////////////////////////////										1.0	////////////////////////////////			
TOTALS	4.9	36.9	35.5	16.2	4.5	.4		.1				100.0	10.7	10.0	
TOTAL NUMBER OF OBSERVATIONS 871															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.1	3.1	1.3	.1								4.6	8.4	8.0
020-040	.3	2.4	2.4	.7	.1							6.0	10.0	10.0
050-070	.7	4.3	6.3	4.5	.9							16.7	11.9	12.0
(E) 080-100	.9	3.3	6.3	3.0	1.6							15.2	12.0	12.0
110-130	.5	3.3	.1									3.9	6.9	7.5
140-160	.2	2.2	.2									2.6	6.9	7.0
(S) 170-190	.6	2.4	.5									3.5	6.9	7.0
200-220	.2	1.7	2.8	.5								5.2	10.2	10.0
230-250	.3	4.0	5.6	4.6	2.1	.3						17.0	13.1	13.0
(W) 260-280	.2	3.3	4.8	3.0	1.6	.6	.1					13.7	13.4	13.0
290-310		3.6	2.8	1.3	.2							7.8	10.3	10.0
320-340		1.7	.5									2.2	7.5	7.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////////////////////////////	
TOTALS	4.0	35.3	33.6	17.7	6.5	.9	.1					100.0	11.1	10.0
TOTAL NUMBER OF OBSERVATIONS 869														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	5.0	1.6	.2								7.7	7.6	7.5
020-040	.2	4.2	3.0	1.0	.2		.1					8.8	10.3	9.5
050-070		4.8	7.4	5.1	1.2							18.6	12.4	12.0
(E) 080-100		3.5	4.4	4.3	1.1							13.3	12.9	13.0
110-130	.2	.9	.7									1.8	8.1	9.0
140-160		1.6	.2									1.8	7.0	7.0
(S) 170-190	.3	1.5	1.1	.2	.1							3.3	9.0	8.0
200-220	.2	2.0	1.6	.9								4.7	9.6	10.0
230-250		2.7	3.9	3.8	2.9	.6						14.0	14.9	15.0
(W) 260-280	.1	3.2	3.2	3.5	2.7	.1						12.7	13.9	14.0
290-310	.1	3.2	2.9	1.8	.1							8.1	11.0	10.0
320-340	.3	2.0	1.1	.2								3.7	8.5	8.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////////////////////////////	
TOTALS	2.3	34.6	31.1	21.0	8.3	.7	.1					100.0	11.6	11.0

TOTAL NUMBER OF OBSERVATIONS 888

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	4.2	1.4									6.1	7.9	8.0
020-040	.1	6.4	6.1	1.4	.1							14.1	10.0	10.0
050-070	.1	6.3	13.4	5.7	2.5	.1						28.1	12.6	12.0
(E) 080-100		1.6	4.5	4.0	.6	.1						10.8	13.8	14.0
110-130	.1	.8		.1								1.0	7.6	6.0
140-160		.5	.5									.9	8.5	9.0
(S) 170-190	.2	.7	.3									1.3	7.1	7.0
200-220	.1	1.7	.8	.2	.5							3.3	10.9	9.0
230-250	.2	1.4	3.8	4.0	.9	.2						10.5	13.8	14.0
(W) 260-280	.3	1.5	2.9	3.4	2.4	.2						10.8	14.8	15.0
290-310	.1	2.3	4.8	1.6	.3							9.2	11.5	11.0
320-340	.1	1.3	1.5	.5								3.3	10.3	10.0
VARIABLE														
CALM	////////////////////////////////////											.7	////////////////////////////////	
TOTALS	1.8	28.7	40.0	20.9	7.3	.6						100.0	12.0	11.0
TOTAL NUMBER OF OBSERVATIONS 874														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	.4	4.0	2.4									6.8	8.0
020-040	.2	6.3	3.0	1.1								10.7	9.5
050-070	.4	7.3	13.7	6.1	2.4							29.8	12.3
(E) 080-100	.1	3.5	7.1	4.8	1.0	.1						16.6	12.9
110-130	.4	1.8	.7	.3								3.3	8.1
140-160	.2	.4										.7	5.7
(S) 170-190	.2	1.1	.4									1.8	7.6
200-220	.1	.7	1.5	.2								3.5	9.6
230-250		.7	3.4	2.4	.3							6.7	13.3
(W) 260-280	.2	.8	2.8	2.1	1.7							7.6	14.3
290-310		1.6	4.1	1.8	.2							7.7	11.9
320-340	.3	2.5	1.2									4.0	8.2
VARIABLE													
CALM	////////////////////////////////////										.8	////////////////////////////////	
TOTALS	2.5	31.7	40.3	18.8	5.6	.1						100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 892

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	3.7	1.4	.1								6.1	7.6	8.0
020-040	.1	3.0	2.1	.8								6.0	10.0	9.0
050-070	.8	9.7	11.0	5.3	1.2		.1					28.1	11.3	11.0
(E) 080-100	.1	6.9	7.0	3.0	.7	.1						17.9	11.3	10.0
110-130	.2	2.4	2.2									4.8	8.4	8.5
140-160	.1	1.6	.7	.1								2.5	8.3	8.0
(S) 170-190	.1	1.3	1.4	.1								2.9	9.0	10.0
200-220	.1	1.2	3.5	.2								5.0	10.5	10.0
230-250		1.3	3.3	2.4	.2							7.3	12.8	13.0
(W) 260-280		1.4	2.1	1.7	.5	.1						5.8	13.2	12.0
290-310	.2	2.1	2.1	1.2								5.5	10.3	10.0
320-340	.5	3.6	.9	.1	.1							5.2	7.9	7.0
VARIABLE														
CALM	////////////////////////////////////											2.9	////////////////////////////////	
TOTALS	3.1	38.2	37.7	15.0	2.7	.2	.1					100.0	10.3	10.0
TOTAL NUMBER OF OBSERVATIONS 866														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	.5	3.6	1.3	.1								5.4	7.8	8.0
020-040	.2	3.9	2.8	1.0	.2		.0					8.1	10.1	9.0
050-070	.5	6.6	9.2	5.0	1.6	.1	.0					22.9	11.9	11.0
(E) 080-100	.2	4.5	5.8	3.5	.9	.0						15.0	12.0	11.0
110-130	.3	2.6	.9	.1								3.8	7.6	8.0
140-160	.1	1.5	.3	.0								2.0	7.4	7.0
(S) 170-190	.3	1.7	1.0	.0	.0							3.0	8.2	8.0
200-220	.2	2.1	3.2	.5	.1							6.1	10.3	10.0
230-250	.2	2.4	4.9	3.3	1.0	.2						11.9	12.9	13.0
(W) 260-280	.2	2.1	3.3	2.6	1.4	.2	.0	.0				9.9	13.5	13.0
290-310	.1	2.5	3.0	1.2	.2	.0	.0					7.0	11.0	10.0
320-340	.3	2.0	1.0	.1	.0							3.4	8.3	8.0
VARIABLE														
CALM	////////////////////////////////////											1.4	////////////////////////////////	
TOTALS	3.1	35.5	36.7	17.4	5.4	.5						100.0	11.0	10.0

TOTAL NUMBER OF OBSERVATIONS 7015

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	.8	5.6	1.7	.1							8.2	7.7	8.0
020-040	.2	4.9	4.0	2.1	.4		.0				11.7	10.9	10.0
050-070	.5	6.3	11.5	7.7	1.9	.1	.0				27.9	12.6	12.0
(E) 080-100	.1	2.5	3.9	4.1	1.6	.1					12.3	13.7	14.0
110-130	.3	.7	.3								1.3	7.0	7.0
140-160	.0	.2									.3	5.0	5.0
(S) 170-190	.3	.3									.6	5.4	5.0
200-220	.0	.4	.2	.1	.0						.8	10.2	9.0
230-250	.2	1.0	2.5	2.6	.4	.3					6.9	13.4	14.0
(W) 260-280	.3	2.1	4.0	3.8	1.8	.3	.0				12.3	13.9	14.0
290-310	.1	3.4	5.2	2.3	.4	.0	.0				11.5	11.6	11.0
320-340	.3	2.9	1.6	.2	.0						4.9	8.5	8.0
VARIABLE													
CALM	////////////////////////////////////										1.4	////////	
TOTALS	3.1	30.3	34.9	23.0	6.5	.8					100.0	11.7	11.0

TOTAL NUMBER OF OBSERVATIONS 2766

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	2.5	.2									3.3	6.6	7.0
020-040	.4	1.6	1.4	1.5	.5							5.4	11.6	11.0
050-070	1.2	7.9	7.0	5.6	4.6	.6			.1			27.0	13.2	13.0
(E) 080-100	.4	3.8	4.7	2.3	1.2	.6			.2			13.1	12.9	12.0
110-130	.5	3.4	.8									4.7	7.0	7.0
140-160	.2	1.8	.1									2.1	5.9	5.0
(S) 170-190	.2	2.5	1.1	.2								4.0	8.8	8.0
200-220	.2	2.2	5.2	1.4	.4							9.4	11.2	11.0
230-250	.1	2.5	5.6	2.7	2.2	.1						13.3	13.3	12.0
(W) 260-280	.5	1.6	2.8	1.3	.8	.4						7.4	12.7	12.0
290-310	.5	1.2	1.3		.2							3.2	9.1	9.0
320-340	.5	2.2	.5	.1								3.3	6.6	6.0
VARIABLE														
CALM	////////////////////											3.9	////////////////	
TOTALS	5.3	33.2	30.7	15.1	9.9	1.7			.3			100.0	11.2	10.0
TOTAL NUMBER OF OBSERVATIONS 852														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND		
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65	
(N) 350-010	.2	1.4	.8									2.5	7.8	8.0	
020-040	1.0	2.6	1.3	1.7	.4							6.9	9.9	8.5	
050-070	1.2	5.4	7.6	5.2	4.8	.5						24.7	13.4	13.0	
(E) 080-100	1.1	5.2	4.3	1.8	1.2	.7			.4			14.7	12.0	10.0	
110-130	.6	2.6	.8	.1								4.2	7.4	7.0	
140-160	.4	1.8	.1									2.3	6.8	7.0	
(S) 170-190		2.6	1.4									4.1	8.7	8.0	
200-220		1.2	6.7	1.2	.1	.1						9.3	12.1	12.0	
230-250		3.2	5.2	1.9	2.0	.2						12.6	13.2	12.0	
(W) 260-280	.1	1.9	3.0	1.5	.8	.5						7.9	13.2	12.5	
290-310	.5	.7	1.1	.8								3.1	10.5	11.0	
320-340	.8	1.9	.4	.1								3.2	6.7	6.0	
VARIABLE															
CALM	////////////////////////////////////										4.6	////////////////////////////////			
TOTALS	5.9	30.5	32.7	14.3	9.3	2.0			.4			100.0	11.1	11.0	
TOTAL NUMBER OF OBSERVATIONS 839															

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.5	1.2	.7	.2								2.5	8.1	8.0
020-040	.6	1.8	1.6	1.2	.5	.1						5.8	11.2	10.0
050-070	2.0	4.5	7.6	6.5	3.6	.6						24.7	13.1	13.0
(E) 080-100	.9	4.0	5.1	2.4	1.2	.6			.3			14.6	12.4	10.5
110-130	.2	1.8	.9	.1								3.1	8.1	8.0
140-160	.3	1.4	.6									2.3	7.2	6.5
(S) 170-190	.6	1.6	.7									2.9	7.2	8.0
200-220	.5	2.2	5.3	2.2	.2							10.4	11.6	11.5
230-250	.2	3.6	6.9	3.1	1.2	.9	.1					16.1	13.2	12.0
(W) 260-280	.3	2.4	3.1	1.0	.2	.6						7.7	11.8	11.0
290-310	.5	1.3	.8	.5								3.0	9.0	8.0
320-340	.6	2.0	.2									2.8	6.3	5.5
VARIABLE														
CALM	////////////////////////////////////										4.0	////////////////////////////////		
TOTALS	7.2	27.8	33.5	17.2	6.9	2.8	.1		.3			100.0	11.2	11.0
TOTAL NUMBER OF OBSERVATIONS 865														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	1.8	.9	.2								3.5	8.4	8.0
020-040	.2	1.9	1.6	.9	.6	.1						5.4	12.0	10.0
050-070	.5	5.2	6.9	5.3	4.1	1.6	.1					23.7	14.2	13.5
(E) 080-100	.8	3.8	4.6	2.9	1.3	.1			.2			13.7	12.4	12.0
110-130	.4	2.1	1.6	.4								4.5	8.8	8.0
140-160	.4	1.4	.6									2.3	7.3	6.5
(S) 170-190	.7	1.8	.5									2.9	6.2	5.0
200-220		1.8	5.9	2.3	.2							10.2	12.5	12.0
230-250	.2	5.4	6.2	2.8	2.2	.8	.1					17.8	12.9	12.0
(W) 260-280	.4	1.9	3.2	1.3	.1	.7						7.5	12.4	11.5
290-310	.2	1.6	1.8	.6								4.2	10.3	10.0
320-340	.2	.8	.4									1.4	7.4	8.0
VARIABLE														
CALM	////////////////////											2.7	////////	
TOTALS	4.6	29.5	34.2	16.7	8.5	3.3	.2		.2			100.0	11.8	11.0
TOTAL NUMBER OF OBSERVATIONS 852														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	2.2	.6	.2								3.6	8.0	8.0
020-040	.5	1.8	3.1	.8	.4							6.5	11.1	11.0
050-070	.1	4.9	6.6	6.0	6.5	.8	.2					25.1	15.0	15.0
(E) 080-100	.7	4.0	3.6	2.8	1.3		.1	.1	.2			12.9	12.7	11.5
110-130	.6	2.7	.6									3.9	6.9	7.0
140-160	.4	.9	.7	.1								2.1	8.1	6.5
(S) 170-190	.2	1.2	1.1									2.5	8.7	8.0
200-220	.2	1.4	2.6	1.5	.1							5.9	11.8	12.0
230-250	.2	3.3	4.7	4.6	2.0	1.3						16.1	14.5	14.0
(W) 260-280	.1	2.6	4.5	2.0	.6	.2						10.0	12.2	12.0
290-310	.2	2.5	1.6	1.2	.4							5.9	10.8	10.5
320-340	.6	1.4	.8	.5	.1							3.4	9.1	8.0
VARIABLE														
CALM	////////////////////											2.1	////////////////	
TOTALS	4.4	28.9	30.5	19.7	11.4	2.3	.3	.1	.2			100.0	12.3	12.0
TOTAL NUMBER OF OBSERVATIONS 851														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	2.9	.8	.1								4.0	7.9	8.0
020-040	.2	2.9	2.5	1.5	.7							7.9	11.8	10.0
050-070	.5	7.2	10.8	7.9	4.2	1.2	.3					31.9	13.6	13.0
(E) 080-100	.3	2.9	4.5	2.4	1.4	.2			.3			12.1	13.5	12.0
110-130	.3	1.0	.7									2.1	7.3	7.5
140-160	.1	.2	.7									1.0	9.7	11.0
(S) 170-190		.9	1.0	.1								2.1	10.1	10.0
200-220	.1	.9	1.8	1.3	.1							4.3	12.1	12.0
230-250	.3	2.9	5.7	2.2	1.8	.7	.1					13.8	13.6	12.0
(W) 260-280	.2	2.3	2.5	2.8	1.4	.6						9.8	13.9	14.0
290-310		1.2	2.3	1.5	.1							5.1	12.6	12.0
320-340	.8	1.4	1.2	.3	.2							3.9	9.1	8.0
VARIABLE														
CALM	////////////////////											2.0	////////	
TOTALS	3.0	26.7	34.5	20.1	9.9	2.7	.4		.3			100.0	12.4	12.0
TOTAL NUMBER OF OBSERVATIONS 865														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	2.3	.5	.2								3.5	7.7	7.0
020-040	.6	3.2	4.2	1.0	.8	.2						10.0	11.2	10.0
050-070	.8	5.2	8.7	7.5	4.6	.5						27.2	13.8	14.0
(E) 080-100	.3	5.8	5.8	2.2	2.0	.5	.1	.3	.3			17.3	13.3	11.0
110-130		1.4	.6	.1								2.1	9.1	8.0
140-160	.3	.7	.5									1.5	7.2	6.0
(S) 170-190	.2	1.2	1.3	.1								2.8	8.4	9.0
200-220	.2	2.0	2.9	1.2	3							6.6	11.4	11.0
230-250	.2	3.3	3.9	1.2	1.4	.8						10.8	13.0	12.0
(W) 260-280	.2	1.7	2.3	2.8	1.4	.3						8.8	13.9	15.0
290-310	.2	2.5	1.5	1.0			.1					5.4	10.4	9.0
320-340	.6	1.8	.9	.2								3.6	8.2	8.0
VARIABLE														
CALM	////////////////////////////////////											.5	////////////////////////////////	
TOTALS	4.1	31.1	33.1	17.5	10.5	2.3	.2	.3	.3			100.0	12.2	11.0

TOTAL NUMBER OF OBSERVATIONS 867

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	2.6	.5	.1	.1							3.7	7.9	7.0
020-040	.2	3.6	1.4	1.1	.6	.1						7.0	10.4	9.0
050-070	1.4	6.4	8.4	8.4	4.6	.5						29.6	13.3	13.0
(E) 080-100	.3	4.9	5.0	1.0	1.6	.5	.1	.1	.6			14.2	13.4	11.0
110-130	.1	3.4	.8									4.4	7.8	8.0
140-160	.2	1.9	.8	.2								3.2	8.2	8.0
(S) 170-190	.1	1.7	1.1		.1							3.1	8.9	9.0
200-220	.1	2.2	3.8	1.1	.1							7.3	11.2	11.0
230-250	.3	1.8	4.5	3.1	1.3	.7						11.7	14.0	13.5
(W) 260-280		2.2	2.4	1.1	1.3	.5						7.5	13.5	12.0
290-310	.3	1.9	1.1	.3								3.8	9.0	9.0
320-340	.6	1.8	.3									2.8	6.5	6.0
VARIABLE														
CALM	////////////////////											1.8	////////	
TOTALS	3.9	34.4	30.1	16.4	9.7	2.3	.1	.1	.6			100.0	11.7	10.0
TOTAL NUMBER OF OBSERVATIONS 872														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	2.1	.6	.1	.0							3.3	7.8	8.0
020-040	.5	2.4	2.1	1.2	.5	.1						6.9	11.1	10.0
050-070	.9	5.8	8.0	6.6	4.6	.8	.1		.0			26.8	13.7	13.0
(E) 080-100	.6	4.3	4.7	2.2	1.4	.4	.0	.1	.3			14.1	12.8	11.0
110-130	.3	2.3	.9	.1								3.6	7.7	8.0
140-160	.3	1.3	.5	.0								2.1	7.5	7.0
(S) 170-190	.3	1.7	1.0	.1	.0							3.0	8.4	8.0
200-220	.2	1.7	4.3	1.5	.2	.0						7.9	11.7	12.0
230-250	.2	3.2	5.3	2.7	1.8	.7	.0					14.0	13.5	12.0
(W) 260-280	.2	2.1	3.0	1.7	.8	.5						8.3	13.0	12.0
290-310	.3	1.6	1.4	.7	.1		.0					4.2	10.4	10.0
320-340	.6	1.7	.6	.2	.0							3.0	7.6	7.0
VARIABLE														
CALM	////////////////////////////////////											2.7	////////////////////////////////	
TOTALS	4.8	30.2	32.4	17.1	9.4	2.5	.1	.1	.3			100.0	11.8	11.0
TOTAL NUMBER OF OBSERVATIONS 6863														

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	.5	3.3	.9	.3	.0						5.0	8.2	8.0
020-040	.5	3.0	3.1	1.9	.3	.2					9.1	11.3	10.0
050-070	1.1	6.8	11.5	11.5	7.7	1.3	.2		.0		40.1	14.5	15.0
(E) 080-100	.7	3.4	3.6	2.1	2.3	.6	.1	.1	.6		13.6	14.8	12.0
110-130	.3	1.3	.2	.1							1.9	6.7	6.0
140-160	.3	.5									.9	5.3	5.0
(S) 170-190	.1	.3									.4	5.2	5.0
200-220	.1	.3	.4	.4	.1						1.2	12.2	14.0
230-250	.1	1.6	2.4	1.2	.9	.2	.0				6.4	13.4	13.0
(W) 260-280	.2	1.7	3.3	1.3	1.0	.3					7.9	13.2	12.0
290-310	.4	2.1	2.3	1.2	.2						6.1	10.9	10.0
320-340	.7	2.6	1.0	.3	.1						4.7	8.0	7.0
VARIABLE													
CALM	////////////////////										2.7	////////	
TOTALS	5.0	26.9	28.7	20.3	12.6	2.6	.3	.1	.6		100.0	12.5	12.0

TOTAL NUMBER OF OBSERVATIONS 2924

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	1.6	.2	.1								2.7	6.5	5.5
020-040	.4	1.1	2.1	.9	.2							4.8	11.0	11.0
050-070	1.2	3.6	8.1	5.2	2.8	.2	.3		.2			21.7	13.8	13.0
(E) 080-100	.4	2.7	3.3	2.4	2.4	.8	1.2	.2				13.4	16.2	15.0
110-130	1.0	2.7	.4	.3								4.5	7.4	6.0
140-160	.4	1.0	.4									1.9	6.9	7.0
(S) 170-190	.4	1.3	.8	.3								2.9	8.5	8.0
200-220	.2	2.5	2.6	1.7	.7	.3						8.0	12.4	11.0
230-250	.3	5.4	6.7	4.5	2.8	.1						19.9	12.8	12.0
(W) 260-280	.3	3.3	4.3	1.8	1.5	.4	.3					11.9	13.0	11.0
290-310	.6	1.9	.6	.2	.3							3.6	9.4	8.0
320-340	1.1	.8	.2	.1								2.2	6.0	4.5
VARIABLE														
CALM	////////////////////											2.5	////////////////	
TOTALS	7.1	27.9	29.7	17.5	10.7	1.8	1.8	.2	.2			100.0	12.1	11.0
TOTAL NUMBER OF OBSERVATIONS 890														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.9	.7	.1								1.9	8.4	8.0
020-040	.5	1.7	2.0	1.4	.1							5.7	11.1	10.5
050-070	.7	4.5	7.5	6.3	2.5	.2	.1		.2			22.1	13.7	13.0
(E) 080-100	1.0	2.6	2.9	2.4	2.2	.9	.8		.1			12.9	15.2	14.0
110-130	.9	2.4	.9	.6	.2							5.0	8.9	7.0
140-160	.1	.8	.1									1.0	7.1	8.0
(S) 170-190	.9	1.8	.9	.1								3.7	7.2	7.0
200-220	.6	1.9	3.1	2.4	.5	.3	.1					8.8	12.9	12.5
230-250	.2	5.2	7.1	3.2	2.4	.1						18.2	12.6	12.0
(W) 260-280	.6	3.7	3.6	2.0	1.9	.3	.2					12.5	13.0	11.5
290-310	.6	2.3	.9	.3	.5							4.5	9.5	7.0
320-340	.6	.7		.1								1.4	5.8	5.0
VARIABLE														
CALM	////////////////////											2.3	////////	
TOTALS	6.9	28.5	29.7	18.9	10.3	1.8	1.2		.3			100.0	12.1	12.0
TOTAL NUMBER OF OBSERVATIONS 883														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.7	.3									1.2	7.3	8.0
020-040	.3	1.5	2.5	1.1	.3							5.7	11.1	10.0
050-070	.7	3.9	7.5	6.1	2.8	.2	.2	.1				21.6	13.8	14.0
(E) 080-100	1.1	3.6	2.6	2.4	1.6	.3	.9	.1	.1			12.7	14.0	12.0
110-130	.7	1.6	1.7									3.9	8.3	8.0
140-160	.5	2.1	.2									2.8	5.9	5.0
(S) 170-190	.7	.7	.6		.1							2.0	8.0	6.5
200-220	.5	2.4	3.6	2.1	1.0	.3						9.9	13.0	13.0
230-250	.8	5.6	6.2	3.9	2.9				.1			19.6	12.7	12.0
(W) 260-280	.8	4.3	3.3	2.1	1.6		.1	.1	.1			12.4	12.3	10.0
290-310	.7	2.0	1.1		.3							4.2	8.9	8.0
320-340	.6	.7	.1	.1								1.5	6.3	6.0
VARIABLE														
CALM	////////////////////											2.4	////////	
TOTALS	7.6	29.1	29.7	17.8	10.6	.8	1.2	.3	.3			100.0	11.9	11.0
TOTAL NUMBER OF OBSERVATIONS 888														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.9	.3	.5								1.7	10.5	9.0
020-040	.3	1.7	1.8	.9	.9							5.7	12.2	12.0
050-070	.8	5.3	5.4	6.5	3.0	.1	.5					21.5	13.6	14.0
(E) 080-100	.3	4.3	2.2	2.1	1.3	.5	1.0	.1				11.8	13.9	10.0
110-130	.6	3.2	.9		.1							4.8	7.9	8.0
140-160	.7	1.0	.7									2.4	6.8	8.0
(S) 170-190	.5	.9	.1		.1		.1		.1			1.8	11.3	7.5
200-220	.6	1.6	2.7	2.5	1.4	.1						8.9	13.4	14.0
230-250	.6	5.4	5.7	4.0	2.7	.7						19.1	13.0	12.0
(W) 260-280	1.6	4.7	2.9	3.1	1.7	.7						14.6	12.1	10.0
290-310	.6	1.7	.9	.6		.1						3.9	9.6	8.5
320-340	.6	1.4	.2									2.2	5.8	5.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////////////////////////////	
TOTALS	7.2	32.1	23.8	20.2	11.2	2.2	1.6	.1	.1			100.0	12.2	11.0
TOTAL NUMBER OF OBSERVATIONS 875														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	1.1	1.1	.1								3.2	7.9	8.0
020-040		1.4	1.4	.9	.3							4.0	12.2	11.0
050-070	.5	4.2	5.1	6.2	4.6	.6	.5	.1				21.7	15.1	15.0
(E) 080-100	.8	5.9	2.7	2.1	1.5	.6	.7					14.2	12.3	10.0
110-130	.9	1.9	1.2	.2								4.3	8.0	8.0
140-160	.3	1.4	.2									1.9	6.5	6.0
(S) 170-190	.6	1.2	.7									2.5	6.9	6.0
200-220	.3	1.6	4.7	1.2	.9	.1						8.9	12.4	12.0
230-250	.3	2.6	6.4	4.0	2.3	.8			.1			16.5	14.1	13.0
(W) 260-280	.2	4.0	3.0	3.0	2.0	.2	.2	.1	.1			13.0	13.9	14.0
290-310	.3	3.3	1.4	.7	.1							5.8	8.7	8.0
320-340	1.0	1.1	.8		.1							3.0	7.7	8.0
VARIABLE														
CALM	////////////////////////////////////											1.1	////////////////////////////////	
TOTALS	6.0	29.7	28.7	18.4	11.8	2.3	1.4	.2	.2			100.0	12.4	11.0
TOTAL NUMBER OF OBSERVATIONS 886														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND		
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65	
(N) 350-010	.7	1.1	.6	.2								2.6	7.6	6.0	
020-040	.4	1.8	1.3	1.3	.3							5.3	11.5	11.0	
050-070	.9	4.4	5.8	5.4	5.0	.9	.1		.2			22.8	14.8	15.0	
(E) 080-100	.3	4.6	4.0	1.7	1.9	.8	.2					13.6	12.9	11.0	
110-130	.7	1.9	.9	.1								3.6	7.8	8.0	
140-160	.3	1.2	.2									1.8	6.8	7.0	
(S) 170-190	.3	1.3	.9									2.6	7.4	7.0	
200-220	.2	2.8	2.1	1.5	.7	.2						7.5	12.1	12.0	
230-250	.2	4.9	7.5	4.0	2.5	.4	.1					19.7	13.1	12.0	
(W) 260-280	.3	3.6	4.1	2.7	1.5	.4	.3					13.0	13.2	12.0	
290-310	.7	1.8	1.1	.2	.2							4.0	8.8	8.0	
320-340	1.0	1.5	.4	.1								3.0	7.1	7.0	
VARIABLE															
CALM	////////////////////////////////////										.6	////////////////////////////////			
TOTALS	6.0	30.9	28.9	17.2	12.1	2.7	.7		.2			100.0	12.3	11.0	
TOTAL NUMBER OF OBSERVATIONS 892															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.3	1.0	.9	.1								2.3	8.6	9.0
020-040	.1	1.2	1.9	.7	.4	.1						4.5	12.4	11.5
050-070	.4	4.5	5.7	5.8	3.8	1.1	.2	.1				21.7	14.7	15.0
(E) 080-100	.2	3.5	3.9	3.0	1.2	.3	.6	.1	.1			13.0	14.1	13.0
110-130	.2	2.7	1.1	.1	.2							4.4	8.8	8.0
140-160	.2	1.3	.6									2.1	7.4	7.0
(S) 170-190	.2	1.2	1.0	.1								2.6	8.5	8.0
200-220	.2	2.2	3.4	2.1	.9	.6						9.4	13.3	13.0
230-250	.1	5.1	5.5	3.9	2.1	.3	.2					17.3	13.0	12.0
(W) 260-280	.3	5.1	3.8	2.6	2.0		.6	.1				14.5	12.9	12.0
290-310	.7	2.8	1.2	.1	.2							5.0	8.2	7.0
320-340	.4	.9	.6	.1	.1							2.1	8.4	8.0
VARIABLE														
CALM	////////////////////////////////////										1.1	////////////////////////////////		
TOTALS	3.3	31.5	29.6	18.6	10.9	2.4	1.6	.3	.1			100.0	12.5	12.0
TOTAL NUMBER OF OBSERVATIONS 895														

OPERATING LOCATION: "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 21-23

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		.3	1.5	.9	.2	.1							3.1	9.3	9.0
020-040		.3	2.0	2.6	.3	.5	.1	.1					6.0	11.3	10.0
050-070		.3	3.8	6.3	6.1	3.4	.6	.1	.1				20.8	14.4	14.0
(E) 080-100		.5	3.2	3.1	2.3	1.5	.7	.5	.5	.1			12.1	15.0	13.0
110-130		.2	1.9	1.8	.3	.2	.3	.1					5.0	11.4	10.0
140-160		.6	1.7	.5									2.7	6.0	5.5
(S) 170-190		.1	1.8	.9	.2								3.1	8.4	8.0
200-220		.1	2.4	3.2	1.1	.9	.3						8.0	12.8	12.0
230-250		.2	4.6	4.9	4.9	2.8	.1						17.5	13.5	14.0
(W) 260-280		.6	4.3	4.5	2.8	1.8	.2	.8					15.0	13.5	12.0
290-310		.5	1.8	1.0		.2							3.5	8.9	8.0
320-340		.6	1.1										1.7	5.8	5.0
VARIABLE															
CALM		////////////////////////////////////										1.6	////////////////////////////////		
TOTALS		4.3	30.1	29.7	18.2	11.4	2.3	1.6	.6	.1			100.0	12.6	12.0
TOTAL NUMBER OF OBSERVATIONS 885															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	1.1	.6	.2	.0							2.3	8.2	8.0
020-040	.3	1.6	2.0	.9	.4	.0	.0					5.2	11.6	11.0
050-070	.7	4.3	6.4	5.9	3.5	.5	.3	.1	.1			21.7	14.3	14.0
(E) 080-100	.6	3.8	3.1	2.3	1.7	.6	.7	.1	.1			13.0	14.2	12.0
110-130	.6	2.3	1.1	.2	.1	.0	.0					4.4	8.6	8.0
140-160	.4	1.3	.4									2.1	6.6	6.0
(S) 170-190	.5	1.3	.7	.1	.0		.0		.0			2.7	8.1	7.0
200-220	.3	2.2	3.2	1.8	.9	.3	.0					8.7	12.8	12.0
230-250	.4	4.9	6.3	4.0	2.6	.3	.0		.0			18.5	13.1	12.0
(W) 260-280	.6	4.1	3.7	2.5	1.7	.3	.3	.0	.0			13.4	13.0	12.0
290-310	.6	2.2	1.0	.3	.2	.0						4.3	9.0	8.0
320-340	.7	1.0	.3	.1	.0							2.1	6.8	5.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////////////////////////////	
TOTALS	6.1	30.1	28.8	18.3	11.1	2.0	1.3	.2	.2			100.0	12.3	11.0

TOTAL NUMBER OF OBSERVATIONS 7094

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.4	.9	.6	.4								2.4	9.3	8.0
020-040	.2	1.6	2.5	1.7	.8	.0	.0					6.9	13.0	13.0
050-070	.7	5.1	8.8	11.0	6.7	.9	.4	.0	.1			33.6	15.2	15.0
(E) 080-100	.4	2.7	3.0	2.7	2.3	1.0	1.2	.2	.1			13.6	16.5	16.0
110-130	.7	1.8	.7	.3	.2							3.6	8.4	8.0
140-160	.3	.5	.1									.9	5.6	5.0
(S) 170-190	.4	.6	.1									1.0	5.5	5.0
200-220	.2	1.1	1.1	.5	.5	.5						3.9	13.9	12.0
230-250	.2	4.0	3.7	1.8	2.3	.6	.0		.0			12.8	13.4	12.0
(W) 260-280	.7	3.3	3.1	2.8	2.1	.5	.4	.0				12.9	14.0	14.0
290-310	.7	1.7	.8	.4	.4	.0						3.9	9.8	8.0
320-340	1.0	1.1	.3	.1	.0							2.5	6.6	5.0
VARIABLE														
CALM	////////////////////////////////////											1.8	////////////////////////////////	
TOTALS	5.9	24.4	24.8	21.7	15.3	3.5	2.0	.2	.2			100.0	13.5	13.0

TOTAL NUMBER OF OBSERVATIONS 2565

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.1	.8	.1									2.0	5.1	4.0
020-040	.6	2.5	1.4	.5	.2							5.2	9.1	8.0
050-070	1.7	5.9	8.3	6.8	7.8	3.1	.7					34.2	15.3	15.0
(E) 080-100	.9	3.8	4.1	2.2	2.6	1.7	.5	.4				16.2	15.1	13.0
110-130	.4	1.2	1.1	.1								2.7	8.6	8.0
140-160	.1		.2									.4	8.0	10.0
(S) 170-190	.1	1.1	.2									1.4	7.3	8.0
200-220	.5	3.7	1.3	.7	.1							6.2	8.7	7.0
230-250	.5	7.4	6.1	3.4	.8	.6						18.9	11.3	10.0
(W) 260-280	.2	3.9	.9	.9	.1							6.1	9.5	8.0
290-310	.7	.8	.1	.2								1.9	6.7	5.0
320-340	.8	1.1										1.9	4.6	5.0
VARIABLE														
CALM	////////////////////////////////////										2.9	////////////////////////////////		
TOTALS	7.6	32.2	23.8	14.8	11.6	5.4	1.2	.4				100.0	12.1	11.0
TOTAL NUMBER OF OBSERVATIONS 848														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.7	.2									1.2	6.7	5.5
020-040	.6	3.1	1.3	.2	.1							5.3	8.7	8.0
050-070	1.3	5.4	8.0	8.5	7.7	2.7	.8					34.5	15.8	15.5
(E) 080-100	.7	2.8	5.4	2.5	2.1	.5	.4	.2				14.6	13.7	12.0
110-130	.4	1.5	.2	.1								2.2	6.4	6.0
140-160	.4	.6	.1									1.1	5.2	5.0
(S) 170-190	.4	1.1	.1	.1								1.7	7.6	7.5
200-220	.1	3.7	.9	.7	.4							5.8	9.9	8.0
230-250	.9	6.3	6.0	4.0	.9	.5	.2					18.9	11.8	10.0
(W) 260-280	.4	3.1	1.7	.5								5.5	8.5	8.0
290-310	.6	1.4	.5	.1	.1							2.7	7.2	5.0
320-340	1.4	1.2	.2									2.8	4.9	4.5
VARIABLE														
CALM	////////////////////////////////////											3.7	////////////////////////////////	
TOTALS	7.4	30.9	24.6	16.7	11.3	3.7	1.4	.2				100.0	11.9	11.0
TOTAL NUMBER OF OBSERVATIONS 847														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.5	.7	.1									1.3	5.8	5.0
020-040	.9	2.0	.9	.7								4.6	8.6	8.0
050-070	1.1	5.6	10.9	8.4	8.4	3.4	.6					38.4	15.5	15.0
(E) 080-100	.5	1.5	5.8	1.5	1.9	.6	.6					12.5	14.6	13.0
110-130	.1	.6	.5	.2								1.4	10.0	9.5
140-160		.7	.4									1.1	7.9	8.0
(S) 170-190	.2	.9	.1									1.3	5.6	5.0
200-220	.4	2.8	.7	1.3								5.2	9.8	8.0
230-250	.8	6.2	5.8	3.9	1.2		.4					18.3	11.8	11.0
(W) 260-280	.2	3.9	2.0	.2	.1	.1						6.6	8.8	8.0
290-310	.7	1.7	.5									2.8	6.2	5.0
320-340	1.2	.9										2.1	4.6	4.0
VARIABLE														
CALM	////////////////////////////////////											4.3	////////////////////////////////	
TOTALS	6.6	27.5	27.7	16.2	11.6	4.1	1.6					100.0	12.1	11.0

TOTAL NUMBER OF OBSERVATIONS 843

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	1.2	.2									1.9	5.9	5.5
020-040	.9	2.8	1.3	.5								5.5	8.3	8.0
050-070	1.4	6.0	9.0	9.5	5.9	2.9	1.5	.4				36.6	15.7	15.0
(E) 080-100	.2	2.0	5.0	2.1	2.5	1.6	.4		.2			14.1	15.8	13.0
110-130		.8	.4		.1							1.3	9.8	9.0
140-160		.7	.2									.9	7.1	6.0
(S) 170-190	.5	.7	.2									1.4	6.2	5.0
200-220	.5	1.4	1.1	1.2	.1							4.2	11.1	10.0
230-250	.7	7.3	5.6	3.8	2.0		.1					19.5	11.5	10.0
(W) 260-280	.7	3.3	2.1	.5	.5		.1					7.2	10.0	8.0
290-310	.8	1.5	.5									2.8	5.9	5.0
320-340	.2	.6										.8	4.7	5.0
VARIABLE														
CALM	////////////////////											3.9	////	////
TOTALS	6.4	28.3	25.6	17.6	11.1	4.5	2.1	.4	.2			100.0	12.4	11.0
TOTAL NUMBER OF OBSERVATIONS 853														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.2	1.6	.4									2.2	7.1	7.0
020-040	.7	1.5	.9	.5								3.7	8.7	8.0
050-070	1.4	7.1	8.5	7.9	6.9	3.1	1.4	.2	.1			36.6	15.6	15.0
(E) 080-100	.4	3.1	4.1	2.7	2.9	1.3	.1		.2			14.8	15.1	14.0
110-130	.2	1.5	.6									2.4	7.2	7.0
140-160	.1	1.1	.2									1.4	7.3	8.0
(S) 170-190	.2	.8	.1									1.2	6.8	7.0
200-220	.2	1.3	1.2	1.8								4.5	11.4	11.0
230-250	1.1	6.9	4.5	2.9	2.6	.2						18.3	12.0	10.0
(W) 260-280	.6	4.1	1.6	.1	.4	.1						6.9	8.8	8.0
290-310	.6	1.1	.5		.1							2.2	7.2	5.0
320-340	.4	.9										1.3	5.8	6.0
VARIABLE														
CALM	////////////////////////////////////										4.5	////////////////////////////////		
TOTALS	6.1	31.0	22.6	15.9	12.9	4.7	1.5	.2	.3			100.0	12.3	11.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	1.1	.4									1.9	6.4	6.0
020-040	.2	2.1	1.2	.5								4.0	9.9	9.0
050-070	1.2	5.9	10.2	8.1	7.2	2.6	1.2	.2	.2			36.9	15.6	15.0
(E) 080-100	.5	2.6	4.4	2.2	1.8	1.5		.1	.2			13.3	15.0	14.0
110-130	.4	1.5	1.3	.2								3.4	8.8	8.0
140-160		.6	.1									.7	7.3	7.0
(S) 170-190		.8	.2									1.1	7.2	7.0
200-220		1.9	1.5	.5	.1							4.0	10.4	10.0
230-250	.4	7.4	6.4	4.1	1.3	.5						20.0	11.9	10.5
(W) 260-280	.5	3.7	1.5	.4	.5	.4						6.8	10.2	8.0
290-310	.6	1.8	.1									2.5	5.7	6.0
320-340	.9	.6										1.5	4.8	4.0
VARIABLE														
CALM	////////////////////											3.9	////////	
TOTALS	5.2	30.0	27.3	16.0	10.9	5.0	1.2	.3	.4			100.0	12.4	11.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	.9	.1									1.9	5.3	5.0
020-040	.9	2.6	1.7	.4	.1							5.7	8.5	8.0
050-070	.6	5.5	12.3	8.0	6.7	2.2	.5	.4				36.2	14.9	14.0
(E) 080-100	.6	1.7	4.3	2.0	2.8	2.4			.4			14.0	16.4	15.0
110-130	.1	1.9	.6	.2	.1							3.0	8.8	8.0
140-160		.2										.2	6.5	6.5
(S) 170-190	.1	.6	.2									.9	7.4	7.0
200-220	.2	1.7	1.1	.8								3.8	9.9	9.0
230-250	1.3	7.7	6.8	4.1	1.2							21.1	11.0	10.0
(W) 260-280	.6	3.7	1.3	1.1	.5	.2						7.3	10.5	8.5
290-310	.9	.8										1.8	4.9	4.0
320-340	1.1	.7										1.8	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											2.2	////////////////////////////////	
TOTALS	7.2	28.0	28.4	16.6	11.4	4.8	.5	.4	.4			100.0	12.3	11.0
TOTAL NUMBER OF OBSERVATIONS 847														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	.8										1.6	4.6	4.5
020-040	.9	3.9	.9	.7	.1							6.5	8.6	8.0
050-070	.6	5.1	8.9	7.3	7.1	2.8	1.3					33.1	16.0	15.0
(E) 080-100	.8	2.7	5.3	2.1	3.3	1.1	.2	.1	.2			15.8	14.8	12.0
110-130	.6	.7	.5	.4								2.1	8.4	7.5
140-160		.4										.4	6.7	7.0
(S) 170-190	.4	.8	.1									1.3	6.5	7.0
200-220		2.0	.9	.6	.1							3.6	10.5	9.0
230-250	.4	8.1	7.4	3.5	.7	.5						20.5	11.3	10.0
(W) 260-280	.5	4.4	.7	1.5	.2	.2						7.6	10.0	8.0
290-310	.9	1.3	.1	.2								2.6	6.4	5.0
320-340	1.4	.4										1.8	4.1	4.0
VARIABLE														
CALM	////////////////////////////////////											3.2	////////////////////////////////	
TOTALS	7.3	30.6	24.8	16.3	11.5	4.6	1.5	.1	.2			100.0	12.3	11.0
TOTAL NUMBER OF OBSERVATIONS 855														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	1.0	.2									1.8	5.9	5.0
020-040	.7	2.6	1.2	.5	.1							5.1	8.7	8.0
050-070	1.1	5.8	9.5	8.1	7.2	2.9	1.0	.1	.0			35.8	15.6	15.0
(E) 080-100	.6	2.5	4.8	2.2	2.5	1.3	.3	.1	.2			14.4	15.1	13.0
110-130	.3	1.2	.6	.2	.0							2.3	8.4	8.0
140-160	.1	.5	.2									.8	7.0	6.5
(S) 170-190	.2	.9	.2	.0								1.3	6.8	7.0
200-220	.2	2.3	1.1	.9	.1							4.7	10.1	9.0
230-250	.8	7.2	6.1	3.7	1.3	.3	.1					19.4	11.6	10.0
(W) 260-280	.5	3.8	1.5	.6	.3	.1	.0					6.8	9.6	8.0
290-310	.7	1.3	.3	.1	.0							2.4	6.3	5.0
320-340	.9	.8	.0									1.8	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											3.6	////////////////////////////////	
TOTALS	6.7	29.9	25.7	16.3	11.5	4.6	1.4	.2	.2			100.0	12.2	11.0
TOTAL NUMBER OF OBSERVATIONS 6791														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	1.1	.2									1.7	6.2	6.0
020-040	.5	1.0	1.1	.7	.1							3.5	10.5	10.0
050-070	.7	3.7	9.8	19.0	14.5	3.5	1.3	.1				52.5	17.2	17.0
(E) 080-100	.1	2.1	4.1	2.4	3.0	2.3	.4					14.6	16.5	16.0
110-130	.1	.5	.3		.1							1.0	8.2	7.0
140-160		.1										.1	6.0	6.0
(S) 170-190	.3	.3										.7	4.7	4.5
200-220	.3	1.2	.2	.4	.2							2.3	9.6	7.0
230-250	.6	4.7	2.2	1.5	1.7	.6	.1					11.5	12.3	10.0
(W) 260-280	.3	4.1	1.3	.7	.7	.3	.1					7.5	10.8	9.0
290-310	.5	1.1	.3									1.9	6.0	5.0
320-340	.3	.9	.1									1.4	6.0	5.0
VARIABLE														
CALM	////////////////////////////////////											1.3	////////////////////////////////	
TOTALS	4.2	20.8	19.6	24.7	20.3	6.7	1.9	.1				100.0	14.7	15.0

TOTAL NUMBER OF OBSERVATIONS 1496

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	.6										1.0	4.8	5.0
020-040	.3	2.4	1.2	1.0	.1							5.1	9.8	9.0
050-070	.5	5.0	9.3	7.3	2.5	1.4	.3					26.2	14.2	14.0
(E) 080-100	.7	2.1	4.6	3.1	2.1	.9	.1					13.7	14.4	14.0
110-130	.2	.9	.8	.1								2.0	8.2	6.5
140-160	.2	.1										.3	4.3	4.0
(S) 170-190	.2	.2	.1									.6	6.0	5.0
200-220	.5	1.8	1.4	1.4	.2							5.2	11.0	10.0
230-250	1.6	5.5	10.7	6.2	2.7	.9	.2					27.9	13.0	12.0
(W) 260-280	.3	4.4	3.2	1.7	.5							10.1	10.6	10.0
290-310	.6	.8	.5	.1								1.9	7.4	7.0
320-340	.3	.7										1.0	5.4	5.0
VARIABLE														
CALM	////////////////////////////////////											5.0	////////////////////////////////	
TOTALS	5.9	24.5	31.8	20.9	8.1	3.2	.6					100.0	11.9	12.0

TOTAL NUMBER OF OBSERVATIONS 885

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	1.0										1.4	4.9	5.0
020-040	.5	1.0	2.2	1.2	.2							5.1	11.5	12.0
050-070	.8	4.1	10.1	8.2	2.6	.9	.5					27.1	14.0	14.0
(E) 080-100	.2	2.7	2.2	2.4	1.7	.9						10.1	14.7	14.0
110-130		1.2	1.9	.6								3.7	10.8	11.0
140-160	.1	.9	.2									1.2	6.5	5.0
(S) 170-190	.3	.5										.8	5.4	5.0
200-220	.3	1.7	1.4	1.7	.1							5.2	10.7	11.0
230-250	1.0	5.8	10.9	6.2	2.3	.6						26.8	12.9	12.0
(W) 260-280	.2	3.1	3.2	1.0	.8	.1	.1	.1				8.6	12.0	10.5
290-310	.7	1.4	.5	.2	.2							3.0	8.5	6.0
320-340	.2	.5	.2									.9	6.1	5.0
VARIABLE														
CALM	////////////////////											6.0	////////	
TOTALS	4.6	23.9	32.8	21.5	7.9	2.5	.6	.1				100.0	11.8	12.0
TOTAL NUMBER OF OBSERVATIONS 881														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	1.0	.2									1.6	6.5	6.0
020-040	.3	1.6	2.1	.1	.1							4.3	9.6	10.0
050-070	.7	3.6	9.3	9.5	2.8	1.0	.3	.1				27.3	14.6	15.0
(E) 080-100	.7	3.7	3.3	3.2	1.9	.7	.1					13.6	13.3	13.0
110-130	.3	1.9	.8	.1								3.2	8.0	8.0
140-160	.2	.8										1.0	5.4	5.0
(S) 170-190	.2	.2	.1									.6	6.6	6.0
200-220	.1	1.4	1.5	.8								3.7	10.6	11.0
230-250	1.2	5.2	10.8	6.6	3.2	.1						27.1	12.9	12.0
(W) 260-280	.3	2.6	3.5	1.2	.7	.3	.1	.2				9.0	12.6	10.5
290-310	.5	1.2	.7	.2	.1							2.7	8.6	7.0
320-340	.2	.8										1.0	5.3	5.0
VARIABLE														
CALM	////////////////////											4.9	////////	
TOTALS	5.0	24.0	32.3	21.7	8.8	2.1	.5	.3				100.0	12.0	12.0
TOTAL NUMBER OF OBSERVATIONS 885														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND		
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65	
(N) 350-010	.7	.6	.3									1.6	6.1	5.0	
020-040	.3	2.0	1.8	.1								4.3	9.0	8.5	
050-070	.5	5.2	11.3	7.7	4.0	1.6	.6	.2				31.0	14.6	14.0	
(E) 080-100	1.0	2.7	2.3	2.3	2.4	.5		.1				11.2	13.9	13.0	
110-130	.7	2.0	.6	.1	.1							3.5	7.3	6.0	
140-160	.2	.5										.7	5.3	5.0	
(S) 170-190	.2	.5	.1				.1					.9	8.9	5.5	
200-220	.3	1.4	1.4	1.5	.3							4.9	11.9	11.0	
230-250	.3	5.3	11.3	6.8	2.4	.1						26.2	12.9	12.0	
(W) 260-280	.5	4.0	2.0	1.3	1.1	.3	.3	.2				9.8	12.9	10.0	
290-310	.5	.8	.6	.2								2.0	8.6	7.5	
320-340	.2	.6										.8	6.3	7.0	
VARIABLE															
CALM	////////////////////////////////////										3.0	////////////////////////////////			
TOTALS	5.4	25.6	31.7	20.0	10.3	2.5	1.0	.5				100.0	12.4	12.0	
TOTAL NUMBER OF OBSERVATIONS 880															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	1.5	.1									1.8	6.7	6.0
020-040	.4	1.2	2.7	.1								4.5	9.5	10.0
050-070	.2	4.6	8.3	6.6	5.1	2.1	.1	.2				27.3	15.4	15.0
(E) 080-100	.7	3.4	2.4	2.4	2.8	.4	.1	.2				12.4	14.3	13.5
110-130	.4	2.1	.6	.1	.2							3.5	8.1	7.0
140-160	.3	.9	.1									1.3	6.4	6.5
(S) 170-190	.3	.2	.6	.1								1.2	8.7	10.0
200-220	.3	1.5	1.1	.9	.1							3.9	10.6	10.0
230-250	1.0	5.1	10.7	6.2	2.1							25.1	12.7	13.0
(W) 260-280	.2	3.6	3.8	1.7	1.8	.3						11.5	12.8	11.0
290-310	.4	1.2	.3	.1	.1	.1						2.4	8.8	7.0
320-340	1.1	1.5	.2	.2								3.0	6.0	5.0
VARIABLE														
CALM	////////////////////											2.0	////////	
TOTALS	5.5	26.8	30.9	18.4	12.2	2.9	.2	.4				100.0	12.5	12.0

TOTAL NUMBER OF OBSERVATIONS 889

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	1.2	.1									2.1	5.6	5.0
020-040	.3	2.1	2.5	.2								5.2	9.1	10.0
050-070		3.1	9.1	5.8	3.8	2.0	.6					24.3	15.4	14.0
(E) 080-100	.8	3.6	2.3	2.7	2.7	1.2	.5					13.6	14.7	15.0
110-130	.2	2.1	.8	.1								3.2	8.4	8.0
140-160	.6	.9	.1	.1								1.7	6.3	6.0
(S) 170-190	.5	1.2	.1									1.7	5.9	5.0
200-220	.5	1.5	1.2	1.8	.1							5.1	11.4	12.0
230-250	.3	6.6	10.4	7.0	1.4	.1						25.8	12.5	12.5
(W) 260-280	.5	3.2	2.3	1.5	1.8	.2						9.6	12.7	11.0
290-310	.6	1.6	.5	.2								2.9	7.5	6.0
320-340	.6	1.7	.3		.1							2.8	6.3	5.0
VARIABLE			.1									.1	14.0	14.0
CALM	////////////////////////////////////											1.8	////////	
TOTALS	5.7	28.8	29.8	19.4	9.9	3.5	1.1					100.0	12.3	12.0
TOTAL NUMBER OF OBSERVATIONS 867														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.3	.2									.9	6.6	6.0
020-040	.6	2.1	2.0	.4								5.1	9.3	9.0
050-070	.3	4.6	8.4	7.0	4.1	1.3						25.8	14.6	14.0
(E) 080-100	1.3	2.5	2.5	3.5	2.6	1.7	.1					14.1	15.1	15.0
110-130	.3	1.2	1.1									2.7	8.1	7.5
140-160	.1	.4	.1	.1								.8	9.1	8.0
(S) 170-190	.2	.8	.2									1.2	6.8	6.0
200-220	.6	1.5	1.0	1.3								4.4	10.6	10.0
230-250	1.0	5.7	11.9	6.7	2.0	.3						27.7	12.5	12.0
(W) 260-280	.8	3.8	2.3	1.8	1.9	.2						10.8	12.4	12.0
290-310	.2	1.9	.1	.2								2.5	7.4	6.0
320-340	.3	1.5										1.6	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											2.3	////////////////////////////////	
TOTALS	6.0	26.3	29.8	21.0	10.6	3.5	.1					100.0	12.3	12.0
TOTAL NUMBER OF OBSERVATIONS 896														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.4										.9	4.5	4.5
020-040	.2	2.2	2.2	.6								5.3	10.0	10.0
050-070	.3	4.0	7.6	7.3	4.2	.4	.3					24.3	14.5	15.0
(E) 080-100	.6	2.5	3.8	2.9	2.2	1.6	.2					13.8	15.0	15.0
110-130	.6	1.3	1.2	.2								3.4	8.2	7.5
140-160	.6	.2	.1	.1								1.0	6.7	4.0
(S) 170-190		.7		.1								.8	7.6	7.0
200-220	.1	.8	2.1	.9	.1							4.0	11.9	11.0
230-250	1.5	6.9	11.8	5.7	3.4	.1						29.3	12.3	12.0
(W) 260-280	.1	4.4	3.4	1.8	1.0	.3	.1					11.1	12.2	11.0
290-310	.2	1.0	.3									1.6	7.4	7.0
320-340	.3	.6										.9	5.6	5.0
VARIABLE														
CALM	////////////////////											3.6	////////	
TOTALS	4.9	25.0	32.5	19.6	10.9	2.4	.6					100.0	12.2	12.0
TOTAL NUMBER OF OBSERVATIONS 890														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	.8	.1									1.4	5.8	5.0
020-040	.4	1.8	2.1	.5	.1							4.9	9.8	10.0
050-070	.4	4.3	9.2	7.4	3.6	1.3	.3	.1				26.7	14.6	14.0
(E) 080-100	.7	2.9	2.9	2.8	2.3	1.0	.1	.0				12.8	14.4	14.0
110-130	.4	1.6	1.0	.2	.0							3.2	8.4	8.0
140-160	.3	.6	.1	.0								1.0	6.4	6.0
(S) 170-190	.3	.5	.2	.0			.0					1.0	7.0	6.0
200-220	.3	1.4	1.4	1.3	.1							4.6	11.1	11.0
230-250	1.0	5.8	11.1	6.4	2.4	.3	.0					27.0	12.7	12.0
(W) 260-280	.4	3.6	3.0	1.5	1.2	.2	.1	.1				10.1	12.3	10.5
290-310	.5	1.2	.4	.2	.1	.0						2.4	8.1	7.0
320-340	.4	1.0	.1	.0	.0							1.5	5.9	5.0
VARIABLE			.0									.0	14.0	14.0
CALM	////////////////////////////////////											3.6	////////////////////////////////	
TOTALS	5.6	25.5	31.6	20.3	9.8	2.8	.5	.2				100.0	12.2	12.0
TOTAL NUMBER OF OBSERVATIONS 7073														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	.8	.2									1.7	5.3	5.0
020-040	.2	2.3	3.3	.9	.2							6.9	10.8	10.0
050-070	.4	4.3	9.6	12.6	8.5	1.8						37.3	15.9	15.5
(E) 080-100	.4	2.0	1.2	2.9	3.6	2.6	.1					12.7	18.0	19.0
110-130	.4	.8	.2	.1								1.5	6.5	5.0
140-160	.3	.4										.7	4.8	5.0
(S) 170-190	.3	.5										.8	4.8	5.0
200-220	.4	1.0	.3	.2								1.9	8.4	8.0
230-250	.5	4.7	5.1	4.7	3.2	.8						19.0	14.0	14.0
(W) 260-280	.2	2.4	2.3	1.8	3.1	.5	.1	.3				10.7	15.6	16.0
290-310	.4	.8	.2	.2	.1							1.7	8.9	8.0
320-340	.5	1.2	.1									1.8	5.6	5.0
VARIABLE														
CALM	////////////////////											3.2	////	////
TOTALS	4.7	21.2	22.5	23.4	18.7	5.7	.2	.3				100.0	14.0	14.0

TOTAL NUMBER OF OBSERVATIONS 1298

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: ALL HOURS: ALL

DIRECTION	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(DEGREES)											%	WIND	WIND	
(N) 350-010	.5	1.9	.6	.0	.0	.0						3.0	7.3	7.0
020-040	.4	2.5	1.8	.5	.1	.0	.0					5.4	9.6	9.0
050-070	.6	5.6	9.9	7.8	4.0	.9	.2	.0	.0			29.1	14.0	14.0
(E) 080-100	.5	3.5	4.8	3.5	2.3	.9	.2	.1	.1			15.8	14.3	13.0
110-130	.4	1.8	.8	.2	.1	.0	.0					3.2	8.4	8.0
140-160	.2	.8	.2	.0	.0							1.3	6.9	7.0
(S) 170-190	.3	1.0	.4	.0	.0		.0		.0			1.7	7.6	7.0
200-220	.2	1.5	1.9	1.0	.2	.0	.0					4.8	11.3	11.0
230-250	.5	4.4	6.7	3.8	1.7	.4	.1	.0	.0	.0		17.6	12.8	12.0
(W) 260-280	.4	3.3	3.0	1.7	.9	.3	.1	.0	.0			9.7	12.1	11.0
290-310	.4	1.8	1.1	.4	.1	.0	.0	.0				3.9	9.4	8.0
320-340	.5	1.3	.3	.1	.0	.0						2.2	6.9	6.0
VARIABLE	.0										.0	14.0	14.0	
CALM	////////////////////////////////////										2.4	////////		
TOTALS	4.9	29.4	31.5	19.0	9.4	2.5	.6	.1	.1		100.0	12.0	11.0	

TOTAL NUMBER OF OBSERVATIONS: 83282

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	2.4	.8	.1	.0							3.8	7.7	7.0
020-040	.3	2.9	2.5	1.0	.2	.0	.0					6.9	10.4	10.0
050-070	.6	6.3	11.8	13.0	7.2	1.1	.2	.0	.0			40.2	14.7	15.0
(E) 080-100	.3	2.7	3.9	4.4	3.7	1.5	.3	.0	.1			16.9	16.1	16.0
110-130	.3	1.0	.3	.1	.0							1.7	7.9	7.0
140-160	.2	.3	.0									.5	5.4	5.0
(S) 170-190	.2	.3	.0	.0								.6	5.7	5.0
200-220	.1	.5	.3	.2	.1	.1						1.4	11.6	10.0
230-250	.2	2.3	2.3	1.9	1.7	.4	.0		.0			8.9	14.0	14.0
(W) 260-280	.3	2.4	2.6	2.1	1.5	.4	.1	.0				9.5	13.7	13.0
290-310	.4	1.9	1.7	.8	.3	.0	.0					5.2	10.7	10.0
320-340	.5	1.6	.5	.1	.0							2.8	7.6	7.0
VARIABLE														
CALM	////////////////////////////////////											1.7	////////////////////////////////	
TOTALS	3.9	24.6	26.7	23.7	14.7	3.5	.6		.1			100.0	13.3	13.0

TOTAL NUMBER OF OBSERVATIONS: 24364

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	DD DD
PP	AAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

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PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-- "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....BROKEN

8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"
HOWEVER, ARE INCLUDED.

D - 1 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 DEC 89
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.3	46.7	51.0	53.9	57.7	57.7	60.8	62.2	63.2	66.2	67.0	67.4	69.7	70.3	70.9	71.2
GE 20000	45.3	46.7	51.0	53.9	57.7	57.7	60.8	62.3	63.3	66.4	67.2	67.7	69.9	70.5	71.1	71.4
GE 18000	45.5	47.0	51.2	54.2	57.9	57.9	61.0	62.5	63.5	66.6	67.4	67.9	70.2	70.7	71.3	71.7
GE 16000	45.5	47.0	51.2	54.2	57.9	57.9	61.0	62.5	63.5	66.6	67.4	67.9	70.2	70.7	71.3	71.7
GE 14000	45.8	47.4	51.7	54.6	58.4	58.4	61.5	63.0	64.0	67.1	67.9	68.3	70.6	71.2	71.8	72.1
GE 12000	45.8	47.4	51.8	54.7	58.5	58.5	61.6	63.1	64.1	67.2	68.0	68.5	70.7	71.3	71.9	72.2
GE 10000	47.0	48.6	53.0	56.0	59.8	59.8	63.1	64.6	65.6	68.7	69.5	69.9	72.2	72.8	73.4	73.7
GE 9000	47.4	49.0	53.5	56.5	60.2	60.2	63.5	65.0	66.1	69.1	69.9	70.4	72.7	73.3	73.8	74.2
GE 8000	48.1	49.7	54.3	57.4	61.5	61.5	64.8	66.3	67.3	70.4	71.2	71.7	73.9	74.5	75.1	75.4
GE 7000	48.6	50.2	54.7	57.8	61.9	61.9	65.3	66.7	67.8	70.9	71.7	72.1	74.4	75.0	75.5	75.9
GE 6000	49.6	51.2	55.9	59.1	63.2	63.2	66.7	68.2	69.3	72.3	73.1	73.6	75.9	76.5	77.0	77.4
GE 5000	52.0	53.6	58.7	62.3	66.5	66.6	70.5	72.0	73.0	76.1	76.9	77.4	79.7	80.2	80.8	81.1
GE 4500	52.0	53.6	58.7	62.3	66.6	66.7	70.6	72.1	73.1	76.2	77.0	77.5	79.8	80.3	80.9	81.3
GE 4000	52.5	54.2	59.4	63.0	67.3	67.4	71.3	72.8	73.8	76.9	77.7	78.2	80.5	81.0	81.6	81.9
GE 3500	52.7	54.4	59.7	63.2	67.5	67.7	71.8	73.4	74.4	77.5	78.3	78.7	81.0	81.6	82.2	82.5
GE 3000	54.2	55.9	61.4	64.9	69.5	69.6	73.7	75.3	76.5	79.5	80.6	81.0	83.3	83.9	84.5	84.8
GE 2500	54.6	56.5	61.9	65.7	70.3	70.4	74.9	76.5	77.6	80.8	81.8	82.3	84.6	85.1	85.7	86.1
GE 2000	55.8	57.6	63.3	67.2	72.0	72.1	76.6	78.2	79.3	82.5	83.7	84.1	86.4	87.0	87.5	87.9
GE 1800	55.9	57.7	63.4	67.3	72.1	72.2	77.0	78.6	79.8	83.0	84.1	84.6	86.9	87.4	88.0	88.3
GE 1500	56.2	58.2	64.0	68.1	73.0	73.1	78.2	80.0	81.4	84.7	86.1	86.5	88.8	89.4	89.9	90.3
GE 1200	57.5	59.8	65.7	69.9	74.9	75.0	80.0	81.8	83.2	86.6	88.0	88.5	90.7	91.3	91.9	92.2
GE 1000	58.2	60.7	66.7	71.4	76.5	76.9	82.1	84.1	85.6	89.0	91.0	91.4	93.8	94.4	95.0	95.3
GE 900	58.2	60.7	66.7	71.4	76.5	76.9	82.1	84.1	85.6	89.0	91.0	91.4	93.8	94.4	95.0	95.3
GE 800	59.1	61.6	67.7	72.3	77.4	77.8	83.0	85.0	86.5	89.9	91.9	92.3	94.7	95.3	95.9	96.2
GE 700	59.2	61.8	67.9	72.8	78.1	78.5	83.7	85.7	87.2	90.6	92.7	93.1	95.5	96.1	96.7	97.0
GE 600	59.2	61.8	67.9	72.8	78.1	78.5	83.7	85.8	87.3	90.7	93.0	93.5	95.9	96.5	97.4	97.7
GE 500	59.4	62.2	68.3	73.3	78.6	79.1	84.3	86.5	88.0	91.5	93.9	94.4	96.8	97.4	98.3	98.6
GE 400	59.4	62.2	68.5	73.4	78.7	79.2	84.5	86.6	88.2	91.8	94.2	94.6	97.0	97.6	98.5	98.9
GE 300	59.4	62.2	68.5	73.4	78.9	79.3	84.6	86.7	88.3	91.9	94.3	94.7	97.1	97.7	98.7	99.1
GE 200	59.4	62.2	68.5	73.4	78.9	79.3	84.6	86.7	88.3	92.1	94.5	95.0	97.5	98.3	99.3	99.7
GE 100	59.4	62.2	68.5	73.4	78.9	79.3	84.6	86.7	88.3	92.1	94.5	95.0	97.5	98.3	99.4	99.8
GE 000	59.4	62.2	68.5	73.4	78.9	79.3	84.6	86.7	88.3	92.1	94.5	95.0	97.5	98.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 875

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.8	45.2	50.1	52.3	57.3	57.6	61.0	63.1	63.8	67.0	68.5	68.5	70.2	71.4	72.2	72.4
GE 20000	44.0	45.3	50.2	52.4	57.4	57.7	61.1	63.2	64.0	67.1	68.6	68.6	70.3	71.5	72.3	72.5
GE 18000	44.0	45.3	50.2	52.4	57.4	57.7	61.1	63.2	64.0	67.1	68.6	68.6	70.3	71.5	72.3	72.5
GE 16000	44.0	45.3	50.2	52.4	57.4	57.7	61.1	63.2	64.0	67.1	68.6	68.6	70.3	71.5	72.3	72.5
GE 14000	44.4	45.8	50.6	52.9	57.9	58.2	61.6	63.6	64.4	67.6	69.0	69.0	70.7	72.0	72.8	73.0
GE 12000	44.5	45.9	50.7	53.0	58.0	58.3	61.7	63.7	64.5	67.7	69.2	69.2	70.8	72.1	72.9	73.1
GE 10000	45.2	46.9	51.8	54.0	59.1	59.4	62.8	65.1	65.9	69.0	70.5	70.5	72.2	73.4	74.2	74.5
GE 9000	45.5	47.2	52.1	54.4	59.4	59.8	63.2	65.4	66.2	69.4	70.8	70.8	72.5	73.8	74.6	74.8
GE 8000	46.6	48.2	53.1	55.4	60.6	60.9	64.3	66.6	67.3	70.5	72.0	72.0	73.7	74.9	75.7	75.9
GE 7000	46.9	48.6	53.4	55.7	60.9	61.2	64.6	66.9	67.7	70.8	72.3	72.4	74.1	75.4	76.2	76.4
GE 6000	48.0	49.7	54.6	56.8	62.0	62.4	65.8	68.0	68.8	72.0	73.4	73.6	75.3	76.5	77.3	77.5
GE 5000	49.7	51.5	56.5	58.8	64.0	64.3	67.7	69.9	70.7	73.9	75.4	75.5	77.2	78.4	79.2	79.4
GE 4500	49.7	51.5	56.5	58.8	64.0	64.3	67.7	69.9	70.7	73.9	75.4	75.5	77.2	78.4	79.2	79.4
GE 4000	50.2	52.1	57.1	59.3	64.5	64.9	68.2	70.5	71.3	74.5	75.9	76.0	77.7	79.0	79.8	80.0
GE 3500	50.5	52.5	57.5	59.8	65.0	65.3	68.7	71.2	72.0	75.1	76.6	76.7	78.4	79.7	80.5	80.7
GE 3000	52.2	54.4	59.7	61.9	67.1	67.5	70.8	73.4	74.2	77.4	78.9	79.0	80.7	81.9	82.7	82.9
GE 2500	52.8	54.9	60.2	62.6	67.8	68.1	72.1	74.8	75.6	78.9	80.3	80.5	82.1	83.4	84.2	84.4
GE 2000	53.9	56.3	61.7	64.1	69.4	69.7	73.7	76.4	77.2	80.5	82.0	82.1	83.8	85.1	85.9	86.1
GE 1800	54.1	56.5	61.9	64.3	69.6	69.9	74.2	76.9	77.7	81.0	82.6	82.7	84.4	85.6	86.4	86.7
GE 1500	54.8	57.3	62.9	65.6	71.1	71.4	75.8	78.6	79.9	83.2	85.2	85.3	87.0	88.2	89.0	89.3
GE 1200	55.8	58.4	64.5	67.2	72.8	73.2	77.6	80.6	81.8	85.1	87.1	87.2	88.9	90.2	91.0	91.2
GE 1000	57.1	60.0	66.4	69.3	74.8	75.3	79.7	82.7	84.2	87.5	89.8	89.9	91.6	92.9	93.7	93.9
GE 900	57.1	60.0	66.4	69.3	74.8	75.3	79.7	82.7	84.2	87.5	89.8	89.9	91.6	92.9	93.7	93.9
GE 800	57.4	60.5	67.3	70.3	75.8	76.5	80.9	84.1	85.5	88.8	91.3	91.4	93.1	94.4	95.1	95.4
GE 700	57.6	60.7	67.6	70.7	76.3	76.9	81.4	84.6	86.1	89.4	91.9	92.0	93.9	95.1	95.9	96.2
GE 600	58.0	61.0	67.9	71.1	76.6	77.4	81.8	85.1	86.6	89.8	92.3	92.4	94.4	95.6	96.4	96.6
GE 500	58.3	61.4	68.5	71.6	77.2	78.0	82.5	85.8	87.2	90.6	93.2	93.3	95.4	96.6	97.4	97.6
GE 400	58.4	61.5	68.7	71.9	77.4	78.2	82.7	86.0	87.5	91.0	93.6	93.7	95.7	96.9	97.7	98.0
GE 300	58.4	61.6	68.8	72.0	77.5	78.3	82.8	86.1	87.6	91.1	93.8	93.9	96.2	97.6	98.4	98.6
GE 200	58.4	61.6	68.8	72.0	77.6	78.4	82.9	86.2	87.7	91.2	93.9	94.0	96.4	98.1	98.9	99.4
GE 100	58.4	61.6	68.8	72.0	77.6	78.4	82.9	86.2	87.7	91.2	94.0	94.1	96.6	98.3	99.1	99.7
GE 000	58.4	61.6	68.8	72.0	77.6	78.4	82.9	86.2	87.7	91.2	94.0	94.1	96.6	98.3	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 885

D - 2 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.7	44.7	49.3	51.6	57.8	58.3	61.7	64.2	64.3	66.8	67.8	67.8	68.9	70.2	70.5	70.6
GE 20000	43.7	44.7	49.3	51.6	57.8	58.3	61.7	64.2	64.3	66.8	67.8	67.8	68.9	70.2	70.5	70.6
GE 18000	43.7	44.7	49.3	51.6	57.8	58.3	61.7	64.2	64.3	66.8	67.8	67.8	68.9	70.2	70.5	70.6
GE 16000	43.7	44.7	49.3	51.6	57.8	58.3	61.7	64.2	64.3	66.8	67.8	67.8	68.9	70.2	70.5	70.6
GE 14000	43.7	44.7	49.3	51.6	57.8	58.3	61.7	64.2	64.3	66.8	67.8	67.8	68.9	70.2	70.5	70.6
GE 12000	43.8	44.8	49.4	51.7	57.9	58.4	61.8	64.3	64.4	66.9	67.9	67.9	69.0	70.3	70.6	70.7
GE 10000	44.4	45.5	50.2	52.5	58.8	59.3	62.7	65.2	65.3	67.8	68.8	68.8	69.9	71.2	71.5	71.6
GE 9000	44.8	45.9	50.7	52.9	59.2	59.8	63.2	65.7	65.8	68.2	69.3	69.3	70.4	71.6	72.0	72.1
GE 8000	46.7	48.1	52.8	55.1	61.4	61.9	65.3	67.8	67.9	70.4	71.4	71.4	72.5	73.8	74.1	74.2
GE 7000	47.2	48.5	53.3	55.5	61.8	62.4	65.8	68.2	68.4	70.8	71.8	71.8	73.0	74.2	74.5	74.7
GE 6000	48.1	49.4	54.2	56.4	62.7	63.3	66.7	69.1	69.3	71.7	72.7	72.7	73.9	75.1	75.5	75.6
GE 5000	49.7	51.0	55.9	58.1	64.8	65.4	68.8	71.4	71.6	74.1	75.1	75.1	76.4	77.6	77.9	78.0
GE 4500	49.7	51.0	55.9	58.1	64.8	65.4	68.8	71.4	71.6	74.1	75.1	75.1	76.4	77.6	77.9	78.0
GE 4000	50.7	52.0	56.9	59.1	65.8	66.4	69.8	72.4	72.6	75.1	76.1	76.1	77.4	78.6	78.9	79.1
GE 3500	50.8	52.1	57.0	59.2	65.9	66.6	69.9	72.5	72.7	75.2	76.2	76.2	77.5	78.7	79.1	79.2
GE 3000	52.6	53.9	58.9	61.1	67.9	68.7	72.1	74.7	74.9	77.4	78.4	78.4	79.6	80.9	81.2	81.3
GE 2500	52.9	54.3	59.2	61.5	68.4	69.1	72.7	75.6	75.8	78.3	79.5	79.5	80.7	82.0	82.3	82.4
GE 2000	54.1	55.7	61.0	63.4	70.4	71.2	74.9	77.7	77.9	80.4	81.6	81.6	82.9	84.1	84.5	84.6
GE 1800	54.3	56.0	61.3	63.6	70.9	71.7	75.5	78.3	78.5	81.0	82.2	82.2	83.4	84.7	85.0	85.1
GE 1500	55.2	57.1	62.6	65.1	72.7	73.5	77.5	80.4	81.0	83.6	85.0	85.0	86.3	87.5	87.8	88.0
GE 1200	55.7	57.7	63.4	66.2	74.0	74.8	78.8	81.9	82.4	85.0	86.5	86.5	87.7	89.0	89.3	89.4
GE 1000	56.9	58.8	64.8	67.7	75.6	76.4	80.6	83.8	84.3	87.0	88.6	88.6	89.9	91.1	91.6	91.7
GE 900	56.9	58.8	64.8	67.7	75.6	76.6	80.9	84.0	84.6	87.3	89.2	89.2	90.4	91.7	92.1	92.2
GE 800	57.5	59.5	65.5	68.5	76.6	77.6	81.9	85.0	85.6	88.5	90.4	90.4	91.7	92.9	93.4	93.6
GE 700	57.5	59.5	65.5	68.6	76.7	77.7	82.1	85.4	85.9	89.0	91.0	91.0	92.2	93.5	93.9	94.1
GE 600	58.1	60.1	66.3	69.4	77.6	78.7	83.2	86.5	87.0	90.1	92.1	92.1	93.4	94.6	95.0	95.3
GE 500	58.3	60.4	66.7	69.9	78.2	79.4	83.9	87.3	88.0	91.4	93.6	93.6	95.4	96.7	97.2	97.4
GE 400	58.4	60.5	66.8	70.2	78.4	79.7	84.2	87.6	88.3	91.8	93.9	93.9	95.7	97.1	97.5	97.7
GE 300	58.6	60.6	66.9	70.3	78.6	80.0	84.6	88.0	88.6	92.1	94.3	94.3	96.3	97.7	98.3	98.5
GE 200	58.7	60.7	67.0	70.5	78.8	80.2	84.8	88.2	88.9	92.3	94.5	94.5	96.6	98.1	98.8	99.2
GE 100	58.7	60.7	67.0	70.5	78.8	80.2	84.8	88.2	88.9	92.3	94.5	94.5	96.7	98.2	98.9	99.7
GE 000	58.7	60.7	67.0	70.5	78.8	80.2	84.8	88.2	88.9	92.3	94.5	94.5	96.7	98.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 888

0 - 2 - 3

OPERATING LOCATION: "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.7	43.7	45.2	47.8	51.3	51.4	54.5	56.8	57.6	60.6	62.2	62.2	64.5	65.4	65.7	66.0
GE 20000	42.1	44.2	45.7	48.2	51.8	51.9	55.1	57.4	58.2	61.2	62.8	62.8	65.1	66.0	66.2	66.6
GE 18000	42.1	44.2	45.7	48.2	51.8	51.9	55.1	57.4	58.2	61.2	62.8	62.8	65.1	66.0	66.2	66.6
GE 16000	42.1	44.2	45.7	48.2	51.8	51.9	55.1	57.4	58.2	61.2	62.8	62.8	65.1	66.0	66.2	66.6
GE 14000	42.8	44.9	46.4	48.9	52.5	52.6	55.8	58.1	58.9	61.9	63.5	63.5	65.8	66.7	66.9	67.3
GE 12000	43.5	45.6	47.1	49.6	53.2	53.3	56.5	58.8	59.6	62.6	64.2	64.2	66.5	67.4	67.6	68.0
GE 10000	44.5	46.6	48.5	51.0	54.8	54.9	58.2	60.6	61.4	64.5	66.1	66.1	68.4	69.3	69.6	69.9
GE 9000	44.8	46.8	48.7	51.2	55.0	55.1	58.4	61.0	61.8	64.9	66.5	66.5	68.8	69.7	69.9	70.3
GE 8000	46.4	48.7	50.6	53.2	57.1	57.2	60.6	63.1	64.1	67.2	68.8	68.8	71.2	72.1	72.3	72.7
GE 7000	47.2	49.6	51.5	54.2	58.1	58.2	61.7	64.2	65.1	68.3	69.9	69.9	72.3	73.2	73.5	73.8
GE 6000	48.2	50.6	52.6	55.2	59.2	59.4	62.8	65.3	66.2	69.5	71.1	71.1	73.5	74.5	74.7	75.1
GE 5000	49.3	51.8	54.2	56.8	60.8	61.0	64.4	66.9	67.9	71.1	72.7	72.7	75.1	76.1	76.3	76.7
GE 4500	49.3	51.8	54.2	56.8	60.8	61.0	64.4	66.9	67.9	71.1	72.7	72.7	75.1	76.1	76.3	76.7
GE 4000	49.6	52.1	54.8	57.4	61.7	61.8	65.2	67.7	68.7	71.9	73.5	73.5	75.9	77.0	77.3	77.6
GE 3500	50.1	52.6	55.2	57.9	62.1	62.2	65.8	68.3	69.2	72.4	74.1	74.1	76.5	77.6	77.8	78.2
GE 3000	51.8	54.5	57.3	59.9	64.3	64.4	68.0	70.6	71.5	74.9	76.6	76.6	79.0	80.1	80.4	80.7
GE 2500	51.9	54.6	57.5	60.3	64.9	65.0	68.8	71.4	72.4	75.8	77.5	77.5	79.9	81.1	81.3	81.6
GE 2000	52.8	55.6	59.0	61.9	67.2	67.3	71.4	74.2	75.2	78.6	80.4	80.4	82.8	83.9	84.2	84.5
GE 1800	52.9	55.8	59.2	62.1	67.5	67.6	71.8	74.5	75.5	79.0	80.7	80.7	83.5	84.6	84.8	85.2
GE 1500	53.5	56.5	60.3	63.1	69.2	69.3	73.5	76.2	77.4	81.1	82.8	82.8	85.5	86.7	87.0	87.4
GE 1200	54.4	57.5	61.8	64.6	70.8	71.0	75.3	78.3	79.4	83.4	85.1	85.1	87.9	89.1	89.4	89.8
GE 1000	55.5	58.6	63.3	66.1	72.8	73.0	77.5	80.7	81.9	86.2	87.9	87.9	90.9	92.1	92.4	92.8
GE 900	55.5	58.6	63.4	66.2	72.9	73.1	77.6	80.8	82.0	86.6	88.3	88.3	91.3	92.4	92.8	93.1
GE 800	55.8	58.9	63.7	66.7	73.4	73.6	78.2	81.6	82.8	87.4	89.1	89.1	92.3	93.5	93.8	94.1
GE 700	56.3	59.4	64.3	67.3	74.1	74.3	78.9	82.4	83.6	88.3	90.1	90.1	93.5	94.6	94.9	95.3
GE 600	56.6	59.7	64.6	67.7	74.5	74.9	79.6	83.1	84.3	89.0	90.9	90.9	94.4	95.5	95.9	96.2
GE 500	56.9	60.0	65.1	68.3	75.1	75.5	80.3	83.8	85.0	89.8	92.0	92.0	95.6	96.8	97.2	97.6
GE 400	57.1	60.3	65.3	68.5	75.4	75.9	80.6	84.2	85.3	90.2	92.4	92.4	96.2	97.4	97.8	98.2
GE 300	57.3	60.5	65.6	68.9	75.9	76.3	81.1	84.6	85.8	90.7	93.0	93.0	96.9	98.2	98.6	99.0
GE 200	57.4	60.6	65.7	69.0	76.1	76.6	81.3	84.8	86.0	90.9	93.2	93.2	97.1	98.4	99.0	99.7
GE 100	57.4	60.6	65.7	69.0	76.1	76.6	81.3	84.8	86.0	90.9	93.2	93.2	97.1	98.4	99.0	99.7
GE 000	57.4	60.6	65.7	69.0	76.1	76.6	81.3	84.8	86.0	90.9	93.2	93.2	97.1	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 871

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.9	37.8	41.4	42.8	46.4	46.6	48.8	49.7	51.1	53.7	56.0	56.2	59.5	60.8	61.1	61.4
GE 20000	37.5	38.5	42.1	43.5	47.1	47.3	49.5	50.4	51.8	54.4	56.7	56.9	60.3	61.7	62.0	62.3
GE 18000	37.5	38.5	42.1	43.5	47.1	47.3	49.5	50.4	51.8	54.4	56.7	56.9	60.3	61.7	62.0	62.3
GE 16000	37.5	38.5	42.1	43.5	47.1	47.3	49.5	50.4	51.8	54.4	56.7	56.9	60.3	61.7	62.0	62.3
GE 14000	38.5	39.4	43.3	44.7	48.4	48.6	50.7	51.8	53.1	55.7	58.0	58.2	61.7	63.0	63.4	63.7
GE 12000	39.8	41.0	45.2	46.5	50.3	50.5	52.7	53.8	55.2	57.9	60.2	60.4	63.8	65.2	65.5	65.9
GE 10000	41.5	42.7	47.1	48.5	52.2	52.6	54.8	56.3	57.7	60.8	63.4	63.6	67.1	68.5	69.1	69.4
GE 9000	42.8	43.9	48.4	49.7	53.5	53.8	56.1	57.6	58.9	62.0	64.6	64.8	68.4	69.7	70.3	70.6
GE 8000	45.2	46.3	50.7	52.1	55.9	56.2	58.5	60.0	61.3	64.4	67.1	67.5	71.1	72.5	73.2	73.5
GE 7000	46.3	47.4	52.0	53.4	57.1	57.5	59.8	61.3	62.7	65.8	68.5	68.8	72.5	73.8	74.5	74.9
GE 6000	46.8	47.9	52.6	53.9	57.8	58.1	60.5	62.3	63.7	66.8	69.5	69.9	73.5	75.0	75.7	76.0
GE 5000	47.2	48.4	53.0	54.9	58.9	59.3	61.9	63.9	65.4	68.5	71.2	71.6	75.2	76.7	77.4	77.7
GE 4500	47.2	48.4	53.0	54.9	58.9	59.3	61.9	63.9	65.4	68.5	71.2	71.6	75.2	76.7	77.4	77.7
GE 4000	48.2	49.4	54.3	56.2	60.2	60.5	63.1	65.2	66.7	69.7	72.5	72.8	76.5	77.9	78.6	79.0
GE 3500	48.7	49.8	54.7	56.7	60.6	61.0	63.6	65.6	67.1	70.2	72.9	73.3	76.9	78.4	79.1	79.4
GE 3000	49.3	50.4	55.5	57.5	61.8	62.1	64.7	67.0	68.5	71.6	74.6	75.0	78.6	80.1	80.8	81.1
GE 2500	49.6	51.0	56.2	58.1	62.8	63.1	66.0	68.3	69.7	72.9	76.0	76.3	80.0	81.5	82.1	82.5
GE 2000	50.2	51.5	56.8	58.9	64.5	64.8	68.0	70.8	72.2	75.5	78.6	79.0	82.7	84.2	84.9	85.2
GE 1800	50.4	51.8	57.0	59.2	64.7	65.1	68.3	71.0	72.5	75.8	78.8	79.2	82.9	84.4	85.1	85.4
GE 1500	50.9	52.2	57.6	59.7	65.4	65.8	69.2	71.9	73.4	76.8	80.2	80.5	84.8	86.2	86.9	87.3
GE 1200	52.0	53.6	58.9	61.3	68.1	68.5	72.0	74.7	76.2	79.9	83.3	83.7	87.9	89.4	90.1	90.4
GE 1000	52.7	54.4	59.8	62.2	69.2	69.6	73.3	76.0	77.6	81.7	85.3	85.9	90.4	91.9	92.6	92.9
GE 900	52.7	54.4	59.8	62.2	69.2	69.6	73.3	76.1	77.7	81.8	85.4	86.0	90.6	92.0	92.7	93.1
GE 800	52.8	54.5	60.1	62.5	69.5	70.0	73.7	76.7	78.3	82.5	86.1	86.7	91.2	92.7	93.4	93.7
GE 700	53.2	54.9	60.6	63.0	70.2	70.6	74.4	77.4	79.0	83.2	86.9	87.5	92.0	93.5	94.2	94.5
GE 600	53.5	55.2	60.9	63.4	70.6	71.2	75.1	78.2	79.7	84.2	87.9	88.5	93.2	94.7	95.4	95.8
GE 500	53.5	55.2	60.9	63.5	70.9	71.4	75.4	79.0	80.5	85.1	89.2	89.8	94.8	96.2	97.2	97.5
GE 400	53.5	55.2	60.9	63.5	70.9	71.4	75.4	79.0	80.7	85.3	89.8	90.3	95.6	97.3	98.2	98.5
GE 300	53.5	55.2	61.1	63.7	71.2	71.8	75.8	79.4	81.2	86.0	90.4	91.0	96.2	98.0	98.9	99.4
GE 200	53.5	55.2	61.1	63.7	71.2	71.8	75.8	79.4	81.2	86.0	90.4	91.0	96.2	98.0	99.1	99.7
GE 100	53.5	55.2	61.1	63.7	71.2	71.8	75.8	79.4	81.2	86.0	90.4	91.0	96.2	98.0	99.1	99.7
GE 000	53.5	55.2	61.1	63.7	71.2	71.8	75.8	79.4	81.2	86.0	90.4	91.0	96.2	98.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 879

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.0	37.9	40.6	42.7	47.1	47.8	50.3	51.9	53.0	55.6	57.9	58.0	60.4	61.3	61.5	61.9
GE 20000	37.3	38.4	41.1	43.2	47.6	48.3	50.8	52.4	53.4	56.2	58.4	58.6	61.1	62.0	62.2	62.6
GE 18000	37.3	38.4	41.3	43.4	47.8	48.5	51.1	52.7	53.8	56.5	58.8	58.9	61.4	62.3	62.6	62.9
GE 16000	37.3	38.4	41.3	43.4	47.8	48.5	51.1	52.7	53.8	56.5	58.8	58.9	61.4	62.3	62.6	62.9
GE 14000	38.6	39.7	42.8	44.9	49.3	50.0	52.6	54.2	55.3	58.0	60.3	60.4	62.9	63.8	64.0	64.4
GE 12000	39.7	40.9	43.9	46.1	50.6	51.3	53.9	55.5	56.5	59.2	61.5	61.6	64.2	65.2	65.5	65.9
GE 10000	42.4	43.5	46.9	49.1	53.9	54.6	57.3	58.9	59.9	62.9	65.5	65.6	68.3	69.3	69.6	70.0
GE 9000	42.7	43.8	47.3	49.4	54.2	54.9	57.6	59.2	60.3	63.2	65.9	66.0	68.6	69.6	70.0	70.3
GE 8000	44.3	45.5	49.1	51.3	56.2	56.8	59.8	61.5	62.6	65.6	68.4	68.6	71.5	72.5	72.8	73.2
GE 7000	44.7	46.1	49.8	51.9	57.1	57.8	61.0	62.8	63.8	66.9	69.6	69.9	72.7	73.7	74.1	74.4
GE 6000	45.7	47.0	50.7	53.0	58.3	59.0	62.4	64.3	65.3	68.4	71.5	71.7	74.5	75.6	75.9	76.3
GE 5000	46.8	48.2	51.9	54.3	59.8	60.5	64.3	66.1	67.1	70.2	73.3	73.5	76.4	77.4	77.7	78.1
GE 4500	47.1	48.5	52.3	54.7	60.2	60.8	64.6	66.4	67.5	70.5	73.6	73.9	76.7	77.7	78.1	78.4
GE 4000	47.9	49.5	53.3	55.7	61.2	61.9	65.6	67.5	68.5	71.7	74.8	75.0	77.9	78.9	79.2	79.6
GE 3500	48.6	50.2	54.0	56.4	61.9	62.6	66.6	68.4	69.4	72.6	75.7	75.9	78.8	79.8	80.1	80.5
GE 3000	49.9	51.5	55.8	58.3	64.0	64.8	69.1	71.0	72.0	75.2	78.3	78.5	81.5	82.5	82.9	83.2
GE 2500	50.5	52.1	56.5	59.0	64.7	65.5	69.9	71.9	72.9	76.3	79.5	79.7	82.6	83.7	84.0	84.4
GE 2000	51.4	53.1	57.9	60.7	66.6	67.4	72.0	74.3	75.3	78.8	82.2	82.4	85.6	86.6	87.0	87.3
GE 1800	51.4	53.1	57.9	60.7	66.6	67.4	72.0	74.3	75.5	78.9	82.3	82.5	85.7	86.8	87.1	87.4
GE 1500	51.8	53.7	58.6	61.5	67.6	68.4	73.4	75.8	76.9	80.5	84.1	84.4	87.8	88.8	89.2	89.5
GE 1200	52.6	54.6	59.8	62.8	69.1	69.9	75.1	77.5	78.7	82.4	86.1	86.3	89.7	90.8	91.1	91.4
GE 1000	53.2	55.5	60.8	63.8	70.1	70.9	76.1	78.8	79.9	84.1	87.8	88.2	91.8	92.8	93.2	93.5
GE 900	53.2	55.5	60.8	63.8	70.1	70.9	76.1	78.8	79.9	84.1	87.8	88.2	91.9	92.9	93.3	93.6
GE 800	53.3	55.6	61.0	63.9	70.2	71.0	76.4	79.1	80.5	84.7	88.4	88.8	92.5	93.5	93.8	94.2
GE 700	53.5	55.8	61.3	64.4	70.8	71.6	77.2	79.9	81.3	85.6	89.3	89.7	93.4	94.4	94.7	95.1
GE 600	53.7	55.9	61.4	64.5	70.9	71.7	77.3	80.1	81.6	86.1	89.7	90.4	94.1	95.2	95.5	95.9
GE 500	53.8	56.1	61.5	64.6	71.1	71.9	77.7	80.6	82.2	86.8	90.6	91.4	95.5	96.8	97.1	97.5
GE 400	53.8	56.1	61.5	64.6	71.1	71.9	77.9	80.9	82.5	87.2	91.3	92.2	96.3	97.7	98.2	98.5
GE 300	53.8	56.1	61.5	64.6	71.2	72.0	78.0	81.1	82.6	87.4	91.7	92.6	96.9	98.3	98.7	99.1
GE 200	53.8	56.1	61.5	64.6	71.2	72.0	78.0	81.1	82.6	87.4	91.7	92.6	97.3	98.9	99.3	99.7
GE 100	53.8	56.1	61.5	64.6	71.2	72.0	78.0	81.1	82.6	87.4	91.7	92.6	97.3	98.9	99.3	99.7
GE 000	53.8	56.1	61.5	64.6	71.2	72.0	78.0	81.1	82.6	87.4	91.7	92.6	97.3	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 876

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.6	44.2	47.6	49.8	52.1	52.1	54.9	55.6	56.6	59.8	61.2	61.3	63.4	65.5	65.6	65.7
GE 20000	42.6	44.2	47.6	49.8	52.1	52.1	54.9	55.6	56.6	59.8	61.2	61.3	63.4	65.5	65.6	65.7
GE 18000	42.9	44.8	48.2	50.3	52.6	52.6	55.5	56.2	57.2	60.4	61.7	61.8	64.0	66.1	66.2	66.3
GE 16000	42.9	44.8	48.2	50.3	52.6	52.6	55.5	56.2	57.2	60.4	61.7	61.8	64.1	66.2	66.3	66.4
GE 14000	43.2	45.0	48.4	50.6	52.8	52.8	55.7	56.4	57.4	60.6	62.0	62.2	64.6	66.6	66.7	66.9
GE 12000	44.3	46.1	49.5	51.7	54.0	54.0	56.8	57.5	58.5	61.7	63.1	63.3	65.7	67.8	67.9	68.0
GE 10000	45.4	47.4	51.1	53.3	55.7	55.7	58.5	59.2	60.3	63.6	64.9	65.1	67.7	69.7	69.9	70.0
GE 9000	45.4	47.4	51.1	53.3	55.8	55.8	58.7	59.3	60.4	63.7	65.0	65.3	67.8	69.8	70.0	70.2
GE 8000	47.8	50.0	53.9	56.0	58.7	58.7	61.6	62.4	63.4	66.7	68.1	68.3	71.0	73.0	73.2	73.3
GE 7000	48.4	50.6	54.6	56.7	59.3	59.3	62.3	63.1	64.1	67.7	69.0	69.2	72.1	74.1	74.4	74.5
GE 6000	50.0	52.4	56.4	58.8	61.4	61.5	64.5	65.6	66.6	70.3	71.6	71.9	74.7	76.8	77.0	77.1
GE 5000	51.4	53.8	57.7	60.1	62.8	62.9	66.1	67.4	68.5	72.2	73.6	73.8	76.7	78.7	78.9	79.0
GE 4500	52.1	54.4	58.4	60.8	63.4	63.6	66.7	68.1	69.1	72.9	74.3	74.5	77.3	79.4	79.6	79.7
GE 4000	52.2	54.7	58.8	61.3	64.2	64.4	67.7	69.0	70.0	73.8	75.2	75.4	78.4	80.4	80.6	80.8
GE 3500	52.3	54.8	59.0	61.5	64.5	64.6	67.9	69.2	70.3	74.0	75.4	75.6	78.7	80.8	81.0	81.1
GE 3000	53.8	56.4	61.5	64.0	67.1	67.3	70.6	72.0	73.0	76.8	78.1	78.4	81.4	83.5	83.7	83.8
GE 2500	54.2	56.8	62.2	64.7	68.0	68.2	71.6	73.0	74.0	77.8	79.2	79.4	82.6	84.6	84.9	85.0
GE 2000	56.0	58.7	64.6	67.1	70.5	70.7	74.8	76.4	77.4	81.2	82.6	82.8	86.0	88.0	88.3	88.4
GE 1800	56.4	59.0	64.9	67.4	70.8	71.1	75.2	76.8	77.8	81.5	83.3	83.5	86.7	88.7	89.0	89.1
GE 1500	57.1	59.7	65.8	68.5	71.9	72.1	76.7	78.2	79.3	83.4	85.2	85.5	88.8	90.9	91.1	91.2
GE 1200	57.7	60.6	66.7	69.5	72.9	73.1	77.7	79.3	80.3	84.7	86.6	86.9	90.2	92.3	92.5	92.6
GE 1000	58.7	61.5	67.9	71.0	74.6	74.8	79.6	81.2	82.2	86.9	89.0	89.4	92.8	94.9	95.1	95.2
GE 900	58.7	61.5	67.9	71.0	74.6	74.8	79.6	81.2	82.2	86.9	89.0	89.4	92.8	94.9	95.1	95.2
GE 800	58.8	61.6	68.0	71.2	74.9	75.2	80.0	81.5	82.6	87.4	89.4	89.9	93.3	95.3	95.6	95.7
GE 700	59.0	61.8	68.2	71.5	75.3	75.5	80.3	82.0	83.0	87.9	90.0	90.4	93.8	95.9	96.1	96.2
GE 600	59.2	62.1	68.5	71.9	75.6	75.9	80.8	82.5	83.6	88.6	90.8	91.6	95.0	97.0	97.3	97.4
GE 500	59.7	62.5	69.1	72.6	76.5	76.8	81.7	83.4	84.5	89.5	91.7	92.5	95.9	97.9	98.2	98.3
GE 400	59.7	62.5	69.1	72.6	76.5	76.8	81.7	83.4	84.5	89.5	91.7	92.5	95.9	97.9	98.2	98.3
GE 300	59.8	62.6	69.2	72.7	76.7	76.9	82.1	83.8	85.0	90.2	92.5	93.3	96.8	98.9	99.1	99.2
GE 200	60.0	62.9	69.5	72.9	76.9	77.1	82.3	84.1	85.2	90.4	92.7	93.5	97.2	99.2	99.4	99.5
GE 100	60.0	62.9	69.5	72.9	76.9	77.1	82.3	84.1	85.2	90.4	92.7	93.5	97.2	99.2	99.4	99.8
GE 000	60.0	62.9	69.5	72.9	76.9	77.1	82.3	84.1	85.2	90.4	92.7	93.5	97.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 878

D - 2 - 7

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.7	47.3	50.2	52.3	55.3	55.3	59.2	59.8	60.6	63.6	64.5	64.8	66.9	68.8	69.2	69.3
GE 20000	45.7	47.3	50.2	52.3	55.3	55.3	59.2	59.8	60.6	63.6	64.5	64.8	66.9	68.8	69.2	69.3
GE 18000	45.9	47.5	50.5	52.5	55.6	55.6	59.4	60.0	60.8	63.9	64.8	65.0	67.2	69.0	69.4	69.5
GE 16000	45.9	47.5	50.5	52.5	55.6	55.6	59.4	60.0	60.8	63.9	64.8	65.0	67.2	69.0	69.4	69.5
GE 14000	46.3	47.8	50.8	52.8	55.9	55.9	59.8	60.3	61.1	64.2	65.1	65.5	67.6	69.4	69.9	70.0
GE 12000	46.8	48.4	51.4	53.4	56.5	56.5	60.3	60.9	61.7	64.8	65.7	66.0	68.2	70.0	70.5	70.6
GE 10000	47.6	49.2	52.4	54.4	57.5	57.5	61.4	61.9	62.7	65.8	66.7	67.0	69.2	71.0	71.5	71.6
GE 9000	48.4	50.0	53.2	55.2	58.3	58.3	62.2	62.7	63.5	66.6	67.5	67.8	70.0	71.8	72.3	72.4
GE 8000	50.8	52.6	55.8	57.8	61.0	61.0	64.9	65.5	66.3	69.3	70.2	70.6	72.7	74.5	75.0	75.1
GE 7000	51.6	53.4	56.6	58.6	61.8	61.8	65.7	66.3	67.0	70.2	71.1	71.5	73.6	75.5	75.9	76.0
GE 6000	53.1	55.0	58.2	60.5	63.9	64.0	68.0	68.6	69.4	72.6	73.5	73.9	76.0	77.8	78.3	78.4
GE 5000	53.9	55.8	59.2	61.6	65.6	65.7	69.7	70.5	71.3	74.8	75.7	76.0	78.2	80.0	80.5	80.6
GE 4500	53.9	55.8	59.4	61.8	65.8	65.9	69.9	70.7	71.5	75.0	75.9	76.3	78.4	80.2	80.7	80.8
GE 4000	54.5	56.5	60.2	62.7	66.7	66.8	70.9	71.7	72.5	76.0	76.9	77.3	79.4	81.3	81.7	81.8
GE 3500	54.5	56.5	60.5	63.1	67.0	67.2	71.3	72.0	72.8	76.4	77.3	77.6	79.8	81.6	82.0	82.2
GE 3000	55.8	57.7	62.2	64.8	68.9	69.0	73.1	74.1	74.9	78.4	79.4	79.8	81.9	83.8	84.2	84.3
GE 2500	57.6	59.5	64.1	66.7	70.8	70.9	75.0	76.0	76.8	80.3	81.4	81.7	83.9	85.7	86.1	86.3
GE 2000	59.5	61.5	66.4	69.4	73.6	73.8	78.1	79.2	80.0	83.5	84.5	84.9	87.0	88.9	89.3	89.4
GE 1800	59.5	61.5	66.5	69.5	73.8	73.9	78.2	79.3	80.1	83.8	84.8	85.1	87.5	89.3	89.8	89.9
GE 1500	59.8	61.7	67.0	70.2	74.5	74.7	79.8	80.9	81.7	85.3	87.2	87.5	90.0	91.9	92.4	92.5
GE 1200	60.8	62.8	68.2	71.4	75.9	76.0	81.1	82.3	83.1	87.0	88.9	89.2	91.7	93.6	94.1	94.2
GE 1000	61.1	63.3	68.8	72.2	76.8	77.2	82.6	83.8	84.5	88.5	90.6	90.9	93.4	95.3	95.8	95.9
GE 900	61.1	63.3	68.8	72.2	76.8	77.2	82.6	83.8	84.5	88.5	90.6	90.9	93.4	95.3	95.8	95.9
GE 800	61.5	63.6	69.1	72.5	77.2	77.5	83.0	84.1	84.9	88.9	90.9	91.3	93.8	95.7	96.1	96.3
GE 700	61.6	63.8	69.3	72.8	77.7	78.1	83.5	84.7	85.5	89.4	91.5	91.8	94.3	96.3	96.7	96.8
GE 600	61.6	63.8	69.3	73.0	77.8	78.2	83.6	84.8	85.6	89.5	91.7	92.3	94.8	96.7	97.2	97.3
GE 500	62.0	64.2	70.0	73.6	78.5	78.9	84.4	85.6	86.4	90.3	92.6	93.2	95.7	97.6	98.1	98.2
GE 400	62.3	64.5	70.3	74.0	78.9	79.2	84.9	86.0	86.8	90.8	93.3	93.9	96.4	98.3	98.8	98.9
GE 300	62.3	64.7	70.5	74.1	79.1	79.4	85.1	86.3	87.0	91.0	93.5	94.1	96.9	99.0	99.4	99.5
GE 200	62.3	64.7	70.5	74.1	79.2	79.5	85.2	86.4	87.2	91.1	93.6	94.2	97.0	99.1	99.7	99.8
GE 100	62.3	64.7	70.5	74.1	79.2	79.5	85.2	86.4	87.2	91.1	93.6	94.2	97.0	99.1	99.7	99.8
GE 000	62.3	64.7	70.5	74.1	79.2	79.5	85.2	86.4	87.2	91.1	93.6	94.2	97.0	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 880

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE U
NO CEIL	42.1	43.4	46.9	49.1	53.1	53.4	56.4	57.9	58.8	61.7	63.1	63.3	65.5	66.7	67.1	67.3
GE 20000	42.3	43.7	47.2	49.4	53.4	53.6	56.7	58.2	59.0	61.9	63.4	63.6	65.8	67.0	67.4	67.6
GE 18000	42.4	43.8	47.3	49.5	53.5	53.8	56.8	58.3	59.2	62.1	63.6	63.7	65.9	67.2	67.6	67.8
GE 16000	42.4	43.8	47.3	49.5	53.5	53.8	56.8	58.3	59.2	62.1	63.6	63.7	65.9	67.2	67.6	67.8
GE 14000	42.9	44.3	47.9	50.1	54.1	54.4	57.4	59.0	59.8	62.7	64.2	64.4	66.6	67.9	68.3	68.5
GE 12000	43.5	45.0	48.6	50.9	54.9	55.1	58.2	59.7	60.6	63.5	65.0	65.1	67.4	68.7	69.1	69.3
GE 10000	44.8	46.3	50.1	52.3	56.5	56.7	59.9	61.5	62.4	65.4	66.9	67.1	69.4	70.7	71.1	71.3
GE 9000	45.2	46.8	50.6	52.8	57.0	57.2	60.4	62.0	62.9	65.9	67.4	67.6	69.9	71.2	71.6	71.9
GE 8000	47.0	48.6	52.5	54.8	59.0	59.3	62.5	64.1	65.0	68.1	69.7	69.9	72.2	73.5	73.9	74.2
GE 7000	47.6	49.3	53.2	55.5	59.8	60.0	63.3	64.9	65.8	68.9	70.5	70.7	73.1	74.4	74.8	75.1
GE 6000	48.7	50.4	54.4	56.7	61.1	61.4	64.7	66.5	67.3	70.4	72.1	72.3	74.7	76.0	76.4	76.7
GE 5000	50.0	51.7	55.9	58.4	62.9	63.2	66.7	68.5	69.4	72.6	74.2	74.4	76.8	78.1	78.6	78.8
GE 4500	50.1	51.9	56.1	58.5	63.1	63.4	66.8	68.7	69.6	72.8	74.4	74.6	77.0	78.3	78.8	79.0
GE 4000	50.7	52.6	56.8	59.3	64.0	64.3	67.7	69.6	70.5	73.7	75.3	75.5	77.9	79.3	79.7	80.0
GE 3500	51.0	52.9	57.2	59.7	64.3	64.6	68.2	70.1	71.0	74.2	75.8	76.0	78.4	79.8	80.2	80.5
GE 3000	52.4	54.3	59.0	61.6	66.3	66.7	70.3	72.3	73.2	76.4	78.1	78.3	80.8	82.1	82.5	82.8
GE 2500	53.0	55.0	59.7	62.3	67.2	67.6	71.4	73.4	74.4	77.6	79.4	79.6	82.1	83.4	83.8	84.1
GE 2000	54.2	56.2	61.3	64.1	69.3	69.6	73.7	75.9	76.8	80.1	82.0	82.2	84.7	86.0	86.4	86.7
GE 1800	54.4	56.4	61.5	64.3	69.5	69.9	74.0	76.2	77.2	80.5	82.4	82.6	85.1	86.4	86.9	87.1
GE 1500	54.9	57.0	62.4	65.2	70.7	71.0	75.5	77.8	78.9	82.3	84.5	84.7	87.4	88.7	89.2	89.4
GE 1200	55.8	58.1	63.6	66.6	72.3	72.7	77.2	79.6	80.6	84.3	86.4	86.7	89.4	90.7	91.2	91.4
GE 1000	56.7	59.1	64.8	68.0	73.8	74.3	78.9	81.4	82.5	86.4	88.8	89.1	91.8	93.2	93.7	93.9
GE 900	56.7	59.1	64.8	68.0	73.8	74.3	79.0	81.4	82.6	86.5	88.9	89.2	92.0	93.3	93.8	94.0
GE 800	57.0	59.5	65.3	68.5	74.4	74.9	79.6	82.2	83.3	87.3	89.7	90.0	92.8	94.2	94.6	94.9
GE 700	57.3	59.7	65.6	68.9	74.9	75.4	80.2	82.8	83.9	87.9	90.4	90.7	93.6	94.9	95.4	95.7
GE 600	57.5	60.0	65.9	69.2	75.2	75.8	80.6	83.3	84.5	88.5	91.1	91.5	94.4	95.7	96.3	96.5
GE 500	57.8	60.2	66.3	69.7	75.8	76.4	81.3	84.0	85.2	89.4	92.1	92.5	95.6	97.0	97.6	97.8
GE 400	57.8	60.3	66.4	69.8	75.9	76.6	81.5	84.2	85.5	89.7	92.5	92.9	96.1	97.5	98.1	98.4
GE 300	57.9	60.4	66.5	70.0	76.1	76.8	81.8	84.5	85.8	90.1	92.9	93.4	96.7	98.2	98.8	99.1
GE 200	57.9	60.5	66.6	70.0	76.3	76.9	81.9	84.6	85.9	90.2	93.1	93.5	96.9	98.5	99.2	99.6
GE 100	57.9	60.5	66.6	70.0	76.3	76.9	81.9	84.6	85.9	90.2	93.1	93.5	97.0	98.5	99.2	99.7
GE 000	57.9	60.5	66.6	70.0	76.3	76.9	81.9	84.6	85.9	90.2	93.1	93.5	97.0	98.5	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7032

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.1	46.3	49.6	51.8	56.6	56.6	58.0	58.7	59.4	61.8	63.3	63.3	64.7	65.2	65.7	66.0
GE 20000	45.7	47.0	50.2	52.4	57.5	57.5	58.9	59.6	60.2	62.7	64.2	64.2	65.6	66.0	66.5	66.9
GE 18000	46.1	47.3	50.6	52.8	57.9	57.9	59.2	60.1	60.7	63.2	64.7	64.7	66.0	66.5	67.0	67.4
GE 16000	46.1	47.3	50.6	52.8	57.9	57.9	59.2	60.1	60.7	63.2	64.7	64.7	66.0	66.5	67.0	67.4
GE 14000	46.8	48.1	51.3	53.5	58.6	58.6	60.0	61.0	61.6	64.1	65.6	65.6	66.9	67.4	67.9	68.3
GE 12000	47.5	48.7	51.9	54.2	59.2	59.2	60.6	61.6	62.2	64.7	66.2	66.2	67.5	68.0	68.5	68.9
GE 10000	48.9	50.6	53.8	56.4	61.5	61.6	63.1	64.6	65.2	67.7	69.1	69.1	70.6	71.1	71.6	72.4
GE 9000	49.4	51.1	54.3	56.9	62.0	62.1	63.6	65.1	65.7	68.2	69.6	69.6	71.1	71.6	72.1	72.9
GE 8000	50.2	51.8	55.1	57.7	62.8	62.9	64.4	65.9	66.5	69.0	70.5	70.5	72.0	72.5	73.0	73.7
GE 7000	51.2	52.8	56.1	58.7	63.8	63.9	65.4	67.3	67.9	70.4	71.9	71.9	73.4	73.9	74.3	75.1
GE 6000	52.4	54.2	58.0	60.8	66.0	66.2	67.7	69.8	70.4	73.0	74.5	74.5	76.0	76.6	77.1	77.8
GE 5000	53.3	55.0	59.1	62.1	67.3	67.4	69.0	71.4	72.0	74.7	76.2	76.2	77.8	78.4	78.9	79.7
GE 4500	53.7	55.4	59.5	62.5	67.7	67.8	69.4	71.7	72.4	75.1	76.6	76.6	78.2	78.8	79.3	80.0
GE 4000	54.8	56.5	60.6	63.6	68.9	69.1	70.8	73.4	74.0	77.0	78.4	78.4	80.0	80.7	81.2	81.9
GE 3500	55.1	56.9	61.2	64.3	69.6	69.9	71.5	74.1	74.7	77.7	79.2	79.2	80.8	81.5	82.0	82.8
GE 3000	56.6	58.6	62.9	66.3	71.9	72.1	74.0	76.7	77.3	80.3	81.8	81.8	83.4	84.1	84.6	85.4
GE 2500	57.9	59.9	64.6	67.9	73.7	74.2	76.1	78.9	79.6	82.5	84.0	84.0	85.6	86.4	86.9	87.6
GE 2000	59.0	61.0	66.2	69.5	75.7	76.2	78.1	80.9	81.7	84.9	86.4	86.4	88.0	88.7	89.2	90.0
GE 1800	59.5	61.5	66.7	70.0	76.2	76.7	78.6	81.4	82.2	85.4	86.9	86.9	88.5	89.2	89.7	90.5
GE 1500	60.3	62.3	67.9	71.4	77.7	78.2	80.2	83.1	83.9	87.1	88.6	88.6	90.2	91.0	91.4	92.2
GE 1200	60.6	62.6	68.2	71.6	78.1	78.6	80.5	83.5	84.3	87.5	89.1	89.1	90.7	91.4	91.9	92.7
GE 1000	61.3	63.4	69.3	72.7	79.2	79.8	81.9	85.1	86.0	89.2	91.2	91.2	92.8	93.7	94.2	94.9
GE 900	61.5	63.6	69.4	72.9	79.3	80.2	82.3	85.5	86.4	89.6	91.6	91.6	93.2	94.1	94.5	95.3
GE 800	61.5	63.6	69.4	72.9	79.3	80.3	82.4	85.6	86.5	89.7	91.8	91.9	93.7	94.5	95.2	95.9
GE 700	62.0	64.1	69.9	73.4	79.8	80.8	82.9	86.1	87.0	90.2	92.3	92.4	94.2	95.0	95.7	96.4
GE 600	62.0	64.1	69.9	73.4	79.8	80.8	82.9	86.1	87.0	90.7	92.8	92.9	94.7	95.5	96.2	96.9
GE 500	62.5	64.6	70.4	73.9	80.3	81.3	83.4	86.6	87.5	91.2	93.4	93.6	95.7	96.5	97.3	98.0
GE 400	62.6	64.7	70.5	74.0	80.5	81.5	83.6	86.9	88.0	91.7	93.9	94.1	96.5	97.4	98.1	98.9
GE 300	62.6	64.7	70.5	74.0	80.5	81.5	83.6	87.0	88.1	91.8	94.1	94.2	96.9	97.8	98.5	99.3
GE 200	62.7	64.8	70.6	74.1	80.7	81.7	83.8	87.1	88.2	91.9	94.2	94.3	97.0	97.9	98.8	99.5
GE 100	62.7	64.8	70.6	74.1	80.7	81.7	83.8	87.1	88.2	91.9	94.2	94.3	97.0	97.9	98.8	99.5
GE 000	62.7	64.8	70.6	74.1	80.7	81.7	83.8	87.1	88.2	91.9	94.2	94.3	97.0	97.9	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 807

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.5	46.4	49.6	51.6	55.7	55.9	57.5	60.0	60.7	63.2	64.2	64.2	64.9	65.6	65.8	65.9
GE 20000	45.2	47.2	50.4	52.3	56.4	56.7	58.3	60.7	61.5	63.9	64.9	64.9	65.6	66.4	66.5	66.6
GE 18000	45.6	47.5	50.7	52.7	56.8	57.0	58.6	61.1	61.8	64.3	65.3	65.3	66.0	66.7	66.9	67.0
GE 16000	45.8	47.8	51.0	53.0	57.0	57.3	58.9	61.3	62.1	64.5	65.5	65.5	66.3	67.0	67.1	67.2
GE 14000	46.7	48.6	51.8	53.8	57.9	58.1	59.7	62.7	63.4	65.9	66.9	66.9	67.6	68.3	68.5	68.6
GE 12000	47.2	49.1	52.3	54.3	58.4	58.6	60.2	63.2	63.9	66.4	67.4	67.4	68.1	68.8	69.0	69.1
GE 10000	48.4	50.7	53.9	55.9	60.1	60.5	62.1	65.3	66.0	68.5	69.5	69.5	70.2	70.9	71.1	71.4
GE 9000	48.4	50.9	54.1	56.2	60.5	60.8	62.4	65.6	66.4	68.8	69.8	69.8	70.6	71.3	71.4	71.8
GE 8000	49.8	52.3	55.7	57.8	62.1	62.4	64.2	67.4	68.1	70.6	71.6	71.6	72.3	73.0	73.2	73.5
GE 7000	50.2	52.8	56.2	58.3	62.6	62.9	64.7	68.2	69.0	71.4	72.4	72.4	73.2	73.9	74.0	74.4
GE 6000	52.5	55.0	58.5	60.6	64.9	65.3	67.0	70.7	71.6	74.0	75.0	75.0	75.7	76.5	76.6	77.0
GE 5000	53.1	55.7	59.2	61.3	65.9	66.3	68.0	71.7	72.5	75.0	76.0	76.0	76.8	78.0	78.1	78.6
GE 4500	53.4	56.0	59.6	61.7	66.3	66.6	68.3	72.0	72.9	75.4	76.4	76.4	77.2	78.3	78.4	78.9
GE 4000	54.1	56.8	60.5	62.6	67.2	67.7	69.5	73.2	74.0	76.8	77.8	77.8	78.7	79.8	79.9	80.4
GE 3500	54.9	57.6	61.5	63.7	68.3	68.8	70.6	74.3	75.1	78.0	78.9	78.9	79.8	80.9	81.0	81.5
GE 3000	57.1	59.9	63.7	65.9	70.6	71.1	72.8	76.5	77.3	80.2	81.2	81.2	82.0	83.1	83.3	83.7
GE 2500	57.8	60.6	64.8	67.2	72.2	72.7	74.4	78.1	78.9	81.9	82.9	82.9	83.7	84.9	85.0	85.5
GE 2000	59.2	62.4	66.6	69.2	74.4	74.9	76.7	80.8	81.7	84.7	85.7	85.7	86.6	87.7	87.8	88.3
GE 1800	59.6	62.8	67.0	69.6	74.8	75.2	77.1	81.3	82.1	85.2	86.2	86.2	87.1	88.2	88.3	88.8
GE 1500	60.2	63.4	68.0	70.8	76.1	76.6	78.6	82.8	83.6	86.7	87.7	87.7	88.5	89.7	89.8	90.3
GE 1200	60.3	63.5	68.1	71.2	76.6	77.1	79.2	83.6	84.5	87.7	88.9	88.9	89.8	90.9	91.0	91.5
GE 1000	61.1	64.4	69.1	72.2	77.6	78.1	80.4	84.9	85.7	88.9	90.5	90.5	91.4	92.9	93.0	93.5
GE 900	61.1	64.4	69.1	72.2	77.7	78.2	80.5	85.0	85.8	89.0	90.6	90.6	91.5	93.0	93.1	93.6
GE 800	61.2	64.5	69.3	72.4	78.0	78.4	80.8	85.3	86.2	89.4	91.5	91.5	92.4	94.0	94.1	94.6
GE 700	61.2	64.5	69.6	72.7	78.2	78.7	81.0	85.7	86.7	90.0	92.1	92.1	93.0	94.7	94.8	95.3
GE 600	61.3	64.7	69.7	72.8	78.3	78.8	81.2	85.8	86.8	90.3	92.4	92.4	93.2	95.0	95.1	95.6
GE 500	61.9	65.4	70.4	73.6	79.3	79.8	82.1	86.8	87.8	91.4	93.6	93.6	94.8	96.6	96.7	97.2
GE 400	62.1	65.6	70.7	73.9	79.6	80.0	82.4	87.2	88.2	92.0	94.2	94.2	95.7	97.5	97.8	98.3
GE 300	62.3	65.9	70.9	74.1	79.8	80.3	82.6	87.4	88.4	92.2	94.5	94.5	96.1	97.9	98.2	98.6
GE 200	62.3	65.9	70.9	74.1	79.8	80.3	82.6	87.4	88.4	92.2	94.7	94.7	96.6	98.4	98.8	99.4
GE 100	62.3	65.9	70.9	74.1	79.8	80.3	82.6	87.4	88.4	92.2	94.7	94.7	96.7	98.5	98.9	99.6
GE 000	62.3	65.9	70.9	74.1	79.8	80.3	82.6	87.4	88.4	92.2	94.7	94.7	96.7	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 812

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 06-08

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.3	42.3	45.5	46.7	51.5	52.3	55.4	57.2	57.6	59.7	61.0	61.0	62.0	62.4	62.8	63.0
GE 20000	39.8	42.8	46.1	47.3	52.2	52.9	56.0	57.8	58.2	60.4	61.8	61.8	62.8	63.1	63.5	63.7
GE 18000	40.6	43.5	46.9	48.1	53.0	53.8	56.8	58.7	59.1	61.3	62.6	62.6	63.6	64.0	64.4	64.6
GE 16000	40.7	43.6	47.0	48.2	53.1	53.9	57.0	58.8	59.2	61.4	62.8	62.8	63.7	64.1	64.5	64.7
GE 14000	41.3	44.3	47.6	48.8	53.9	54.6	57.7	59.6	59.9	62.4	63.9	63.9	64.9	65.2	65.6	65.8
GE 12000	41.6	44.8	48.1	49.3	54.4	55.1	58.2	60.0	60.4	62.9	64.4	64.4	65.4	65.7	66.1	66.3
GE 10000	43.5	46.6	49.7	51.3	56.4	57.1	60.2	62.0	62.4	64.9	66.3	66.3	67.3	67.7	68.3	68.7
GE 9000	43.9	47.1	50.4	51.9	57.0	57.7	60.8	62.6	63.0	65.5	67.0	67.0	67.9	68.3	68.9	69.3
GE 8000	45.6	49.0	52.5	54.1	59.2	59.9	63.0	64.9	65.2	67.7	69.2	69.2	70.2	70.5	71.1	71.5
GE 7000	47.1	50.4	54.0	55.6	60.7	61.4	64.5	66.7	67.1	69.5	71.0	71.0	72.0	72.4	73.0	73.4
GE 6000	48.5	51.8	55.4	57.0	62.0	62.8	65.8	68.1	68.4	70.9	72.4	72.4	73.4	73.7	74.4	74.7
GE 5000	49.1	52.4	56.1	57.8	63.3	64.0	67.2	69.4	69.8	72.3	73.7	73.7	74.7	75.2	75.8	76.3
GE 4500	49.2	52.5	56.2	58.0	63.4	64.1	67.3	69.5	69.9	72.4	73.9	73.9	74.8	75.3	76.0	76.4
GE 4000	51.2	54.7	58.4	60.2	65.6	66.5	69.7	71.9	72.3	75.0	76.6	76.6	77.6	78.1	78.7	79.2
GE 3500	52.0	55.7	59.4	61.2	66.6	67.4	70.7	72.9	73.2	76.0	77.6	77.6	78.5	79.0	79.7	80.1
GE 3000	54.9	58.6	62.3	64.0	69.4	70.3	73.6	75.8	76.3	79.2	80.8	80.8	81.8	82.2	82.9	83.4
GE 2500	55.6	59.7	63.6	65.4	71.3	72.1	75.5	77.7	78.2	81.0	82.6	82.6	83.6	84.1	84.7	85.2
GE 2000	57.3	61.7	65.8	67.8	74.0	74.8	78.4	81.0	81.5	84.5	86.2	86.2	87.2	87.8	88.4	88.9
GE 1800	57.8	62.1	66.3	68.3	74.5	75.3	78.9	81.5	82.0	85.0	86.7	86.7	87.7	88.3	88.9	89.4
GE 1500	58.4	62.9	67.2	69.4	75.8	76.7	80.6	83.2	83.7	86.7	88.4	88.4	89.4	90.0	90.6	91.1
GE 1200	58.8	63.3	67.6	69.8	76.2	77.1	81.1	84.0	84.5	87.4	89.3	89.3	90.3	90.9	91.5	92.0
GE 1000	58.9	63.5	67.8	70.0	76.7	77.6	82.2	85.1	85.6	88.9	90.9	90.9	92.0	92.6	93.2	93.7
GE 900	58.9	63.5	67.8	70.0	76.7	77.6	82.2	85.1	85.6	88.9	90.9	90.9	92.0	92.6	93.2	93.7
GE 800	59.1	63.6	67.9	70.2	76.8	77.7	82.4	85.2	85.8	89.3	91.6	91.6	92.7	93.3	94.0	94.5
GE 700	59.1	63.6	67.9	70.2	76.9	77.8	82.5	85.3	86.1	89.5	91.9	91.9	93.0	93.7	94.3	94.8
GE 600	59.1	63.6	67.9	70.2	76.9	77.8	82.5	85.3	86.1	89.5	91.9	91.9	93.0	93.7	94.3	94.8
GE 500	59.1	63.6	67.9	70.2	77.2	78.1	83.0	85.9	86.7	90.5	93.0	93.0	94.3	95.2	95.9	96.4
GE 400	59.1	63.6	67.9	70.2	77.3	78.2	83.1	86.2	86.9	91.0	93.6	93.6	95.2	96.3	97.0	97.5
GE 300	59.4	64.0	68.3	70.5	77.7	78.5	83.5	86.6	87.3	91.4	94.1	94.1	95.7	96.9	97.9	98.4
GE 200	59.4	64.0	68.3	70.5	77.7	78.5	83.5	86.6	87.3	91.5	94.5	94.5	96.2	97.7	99.3	100.0
GE 100	59.4	64.0	68.3	70.5	77.7	78.5	83.5	86.6	87.3	91.5	94.5	94.5	96.2	97.7	99.3	100.0
GE 000	59.4	64.0	68.3	70.5	77.7	78.5	83.5	86.6	87.3	91.5	94.5	94.5	96.2	97.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 811

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.0	33.9	35.9	37.3	41.3	42.1	45.3	46.7	47.1	49.1	51.3	52.2	54.8	55.8	56.6	57.1
GE 20000	34.0	34.9	36.9	38.4	42.4	43.2	46.4	48.1	48.4	50.6	53.1	53.9	56.6	57.6	58.3	58.8
GE 18000	35.2	36.0	38.0	39.5	43.6	44.3	47.6	49.2	49.6	51.7	54.2	55.1	57.7	58.7	59.4	59.9
GE 16000	35.2	36.0	38.0	39.5	43.7	44.4	47.7	49.3	49.7	51.8	54.3	55.2	57.8	58.8	59.6	60.1
GE 14000	35.9	36.8	38.8	40.3	44.8	45.6	48.8	50.4	50.9	53.1	55.6	56.4	59.1	60.1	60.8	61.3
GE 12000	36.3	37.3	39.7	41.2	45.7	46.4	49.7	51.3	51.8	53.9	56.4	57.3	59.9	61.0	61.7	62.2
GE 10000	38.7	39.7	42.1	43.8	48.3	49.1	52.3	53.9	54.4	56.7	59.3	60.2	63.1	64.1	65.0	65.5
GE 9000	39.4	40.4	42.8	44.6	49.1	49.8	53.1	54.7	55.2	57.4	60.1	61.0	63.8	64.8	65.7	66.2
GE 8000	41.8	42.8	45.2	47.4	51.9	52.7	56.2	57.9	58.4	60.7	63.3	64.2	67.1	68.1	69.2	69.7
GE 7000	43.3	44.3	46.7	48.9	53.6	54.3	57.8	59.6	60.1	62.7	65.3	66.2	69.1	70.1	71.2	71.7
GE 6000	46.2	47.2	49.7	51.9	56.6	57.3	61.0	62.7	63.2	65.8	68.5	69.3	72.2	73.2	74.3	74.8
GE 5000	47.9	48.9	51.4	53.7	58.3	59.1	62.7	64.5	65.0	67.6	70.5	71.3	74.3	75.5	76.6	77.1
GE 4500	48.4	49.4	51.9	54.2	58.8	59.6	63.2	65.0	65.5	68.1	71.0	71.8	74.8	76.0	77.2	77.7
GE 4000	50.1	51.2	53.9	56.2	61.2	62.0	65.8	67.8	68.3	71.1	74.0	74.8	77.8	79.0	80.2	80.7
GE 3500	50.8	51.9	54.7	56.9	62.0	62.7	66.6	68.6	69.1	71.8	74.7	75.6	78.6	79.7	81.0	81.5
GE 3000	52.2	53.3	56.1	58.3	63.5	64.2	68.2	70.5	71.0	73.7	76.6	77.5	80.5	81.7	83.0	83.5
GE 2500	52.3	53.4	56.3	58.7	64.3	65.1	69.2	71.5	72.0	74.7	77.6	78.5	81.6	82.9	84.1	84.6
GE 2000	53.9	55.1	57.9	60.3	66.2	67.0	71.2	73.8	74.3	77.1	80.0	80.9	84.0	85.2	86.5	87.0
GE 1800	53.9	55.1	57.9	60.3	66.2	67.0	71.2	73.8	74.3	77.1	80.0	80.9	84.0	85.2	86.5	87.0
GE 1500	54.6	55.8	58.8	61.5	67.6	68.3	73.1	76.0	76.5	79.2	82.1	83.0	86.2	87.5	88.7	89.2
GE 1200	54.8	56.1	59.1	61.7	67.8	68.6	73.7	76.8	77.3	80.1	83.0	83.9	87.1	88.4	89.6	90.1
GE 1000	55.3	56.6	59.8	62.5	68.8	69.6	75.0	78.5	79.2	82.4	85.2	86.1	89.4	90.7	92.0	92.5
GE 900	55.4	56.7	59.9	62.7	69.1	69.8	75.2	78.7	79.5	82.7	85.6	86.5	89.7	91.2	92.5	93.0
GE 800	55.6	56.8	60.1	62.8	69.2	70.0	75.5	79.0	79.7	83.0	86.0	86.9	90.1	91.6	92.9	93.4
GE 700	55.8	57.1	60.3	63.2	69.7	70.5	76.2	79.7	80.7	84.1	87.2	88.1	91.6	93.1	94.4	94.9
GE 600	55.9	57.2	60.5	63.3	69.8	70.7	76.5	80.1	81.1	84.6	87.7	88.6	92.2	93.7	95.0	95.5
GE 500	55.9	57.3	60.6	63.5	70.0	70.8	76.6	80.4	81.4	85.0	88.1	89.0	93.0	94.5	95.7	96.2
GE 400	55.9	57.3	60.6	63.5	70.0	70.8	76.7	80.5	81.5	85.2	88.6	89.5	93.9	95.7	97.1	97.6
GE 300	56.2	57.6	60.8	63.7	70.2	71.1	77.0	80.9	82.0	85.7	89.1	90.0	94.4	96.4	97.7	98.2
GE 200	56.2	57.6	60.8	63.7	70.2	71.1	77.1	81.0	82.1	86.0	89.4	90.2	94.6	97.0	98.5	99.1
GE 100	56.2	57.6	60.8	63.7	70.2	71.1	77.1	81.0	82.1	86.0	89.4	90.2	94.6	97.2	98.9	99.5
GE 000	56.2	57.6	60.8	63.7	70.2	71.1	77.1	81.0	82.1	86.0	89.4	90.2	94.6	97.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 799

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.9	38.0	40.7	42.3	45.8	46.5	48.6	50.4	50.6	52.7	55.6	55.6	58.3	59.5	60.9	61.2
GE 20000	38.9	40.0	42.8	44.6	48.0	48.8	51.0	52.7	53.0	55.1	58.0	58.0	61.0	62.2	63.6	64.0
GE 18000	39.5	40.7	43.6	45.3	48.8	49.5	51.7	53.5	53.7	55.8	58.8	58.8	61.7	63.0	64.3	64.7
GE 16000	39.6	40.9	43.7	45.4	48.9	49.6	51.9	53.6	53.8	55.9	58.9	58.9	61.9	63.1	64.4	64.8
GE 14000	40.4	41.7	44.8	46.7	50.2	51.0	53.5	55.2	55.4	57.7	60.6	60.6	63.6	64.8	66.2	66.5
GE 12000	41.9	43.3	46.5	48.4	52.1	52.8	55.3	57.0	57.3	59.5	62.5	62.5	65.6	66.8	68.1	68.5
GE 10000	42.7	44.2	47.7	49.5	53.2	54.0	56.4	58.4	58.6	60.9	63.8	63.8	67.3	68.7	70.2	70.6
GE 9000	43.6	45.1	48.5	50.5	54.3	55.2	57.7	59.6	59.9	62.1	65.1	65.1	68.5	70.1	71.5	71.9
GE 8000	45.6	47.2	50.6	52.6	56.7	57.7	60.2	62.2	62.5	64.9	68.1	68.1	71.6	73.3	74.7	75.4
GE 7000	46.4	48.0	51.5	53.5	57.7	58.8	61.7	63.7	64.0	66.4	69.6	69.6	73.1	74.8	76.2	76.9
GE 6000	48.1	49.8	53.3	55.3	59.8	61.1	64.1	66.0	66.3	69.1	72.3	72.3	75.9	77.7	79.0	79.8
GE 5000	49.9	51.5	55.3	57.3	61.7	63.1	66.0	68.0	68.3	71.1	74.3	74.3	78.1	80.0	81.4	82.1
GE 4500	50.0	51.6	55.4	57.4	61.9	63.2	66.2	68.1	68.4	71.2	74.4	74.4	78.3	80.1	81.6	82.3
GE 4000	51.0	52.6	56.5	58.5	63.0	64.3	67.3	69.4	69.6	72.5	75.7	75.7	79.5	81.4	83.0	83.7
GE 3500	51.7	53.3	57.3	59.3	63.7	65.1	68.0	70.1	70.4	73.2	76.4	76.4	80.2	82.1	83.7	84.4
GE 3000	52.2	53.8	58.0	60.0	64.6	65.9	68.9	71.0	71.2	74.1	77.3	77.3	81.1	83.1	84.7	85.4
GE 2500	52.5	54.1	58.5	60.6	65.3	66.7	69.6	71.7	72.0	74.8	78.0	78.0	81.9	83.8	85.4	86.2
GE 2000	52.7	54.4	58.9	61.1	66.3	67.7	70.6	72.8	73.2	76.0	79.6	79.6	83.5	85.4	87.0	87.8
GE 1800	52.8	54.6	59.0	61.2	66.4	67.8	70.7	73.2	73.6	76.4	80.0	80.0	83.8	85.8	87.4	88.1
GE 1500	53.0	55.1	59.9	62.3	67.9	69.3	72.8	75.7	76.5	79.5	83.3	83.3	87.3	89.3	90.9	91.6
GE 1200	53.5	55.6	60.5	63.1	68.6	70.1	73.7	76.7	77.5	80.5	84.3	84.3	88.3	90.2	92.0	92.7
GE 1000	54.0	56.0	61.1	63.7	69.4	70.9	74.6	77.7	78.8	82.1	86.0	86.0	90.5	92.5	94.2	95.1
GE 900	54.0	56.0	61.1	63.7	69.4	70.9	74.6	77.7	78.8	82.1	86.0	86.0	90.5	92.5	94.2	95.1
GE 800	54.0	56.0	61.1	63.7	69.4	71.0	74.7	77.8	78.9	82.2	86.2	86.2	90.6	92.7	94.4	95.3
GE 700	54.0	56.0	61.1	63.7	69.4	71.0	74.7	77.8	78.9	82.5	86.5	86.5	91.1	93.3	95.1	95.9
GE 600	54.1	56.2	61.2	63.8	69.5	71.1	74.8	78.0	79.1	82.7	86.8	86.8	91.4	93.6	95.3	96.2
GE 500	54.2	56.3	61.4	64.0	69.6	71.2	75.2	78.6	79.8	83.5	87.5	87.5	92.2	94.4	96.2	97.2
GE 400	54.2	56.3	61.4	64.0	69.6	71.2	75.2	78.6	80.0	83.7	87.8	87.8	93.0	95.3	97.2	98.1
GE 300	54.2	56.3	61.4	64.0	69.6	71.2	75.2	78.6	80.0	83.7	87.9	87.9	93.2	95.6	97.4	98.4
GE 200	54.2	56.3	61.4	64.0	69.6	71.2	75.2	78.6	80.0	83.7	87.9	87.9	93.2	95.6	98.0	99.5
GE 100	54.2	56.3	61.4	64.0	69.6	71.2	75.2	78.6	80.0	83.7	87.9	87.9	93.2	95.6	98.4	99.9
GE 000	54.2	56.3	61.4	64.0	69.6	71.2	75.2	78.6	80.0	83.7	87.9	87.9	93.2	95.6	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 810

D - 2 - 14

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.1	39.1	41.6	42.9	47.4	47.5	49.1	49.8	50.2	52.8	55.2	55.2	57.1	57.9	58.7	58.8
GE 20000	38.9	40.8	43.3	44.8	49.3	49.4	51.7	51.7	52.2	54.8	57.2	57.2	59.2	60.1	61.1	61.3
GE 18000	39.6	41.6	44.1	45.5	50.0	50.1	51.7	52.5	53.0	55.6	57.9	57.9	59.9	60.9	61.9	62.0
GE 16000	40.3	42.3	44.8	46.3	50.7	50.9	52.5	53.2	53.7	56.3	58.7	58.7	60.6	61.6	62.6	62.7
GE 14000	41.1	43.1	45.5	47.0	51.7	51.9	53.5	54.2	54.7	57.5	59.9	59.9	61.9	62.9	63.9	64.0
GE 12000	42.9	44.9	47.4	48.9	53.6	53.7	55.3	56.1	56.6	59.7	62.0	62.0	64.0	65.0	66.0	66.1
GE 10000	43.7	45.8	48.4	49.9	55.1	55.2	56.9	57.9	58.4	61.6	64.2	64.2	66.6	67.6	68.7	69.2
GE 9000	44.4	46.5	49.1	50.6	55.8	55.9	57.9	59.0	59.5	62.7	65.3	65.3	67.7	68.7	70.0	70.3
GE 8000	45.7	47.8	50.4	52.1	57.7	57.8	59.8	60.9	61.4	64.7	67.6	67.6	70.4	71.4	72.8	73.3
GE 7000	46.8	48.9	51.5	53.2	58.9	59.0	61.0	62.1	62.6	66.0	68.8	68.8	71.9	72.9	74.3	74.9
GE 6000	49.3	51.4	54.2	56.2	62.9	63.0	65.0	66.1	66.6	69.7	72.8	72.8	75.9	77.0	78.3	79.0
GE 5000	50.5	52.6	55.4	57.5	64.5	64.6	66.6	67.7	68.2	71.5	74.4	74.4	77.5	78.6	80.0	80.8
GE 4500	50.6	52.7	55.6	57.7	64.6	64.7	66.8	67.9	68.4	71.8	74.6	74.6	77.7	78.8	80.2	81.1
GE 4000	51.6	53.7	56.6	58.7	65.7	65.8	68.2	69.4	69.9	73.3	76.1	76.1	79.2	80.3	81.7	82.5
GE 3500	52.2	54.3	57.2	59.3	66.3	66.5	68.8	70.0	70.5	73.9	76.7	76.7	79.8	80.9	82.3	83.2
GE 3000	52.8	55.0	58.0	60.1	67.6	67.7	70.2	71.4	71.9	75.2	78.1	78.1	81.2	82.3	83.7	84.5
GE 2500	53.5	55.6	58.7	60.8	68.2	68.3	70.8	72.0	72.5	75.9	78.7	78.7	81.8	82.9	84.3	85.1
GE 2000	54.3	56.4	59.8	61.9	69.6	69.7	72.2	73.5	74.0	77.6	80.6	80.6	84.0	85.1	86.6	87.5
GE 1800	54.3	56.4	59.8	61.9	69.6	69.7	72.2	73.5	74.0	77.6	80.6	80.6	84.0	85.1	86.6	87.5
GE 1500	55.2	57.3	60.6	62.9	70.9	71.4	74.1	75.9	76.9	80.4	83.5	83.8	87.0	88.1	89.6	90.5
GE 1200	55.3	57.4	60.9	63.4	71.5	72.0	74.8	76.6	77.6	81.2	84.3	84.5	87.7	88.9	90.3	91.2
GE 1000	55.9	58.0	61.9	64.5	72.8	73.3	76.2	78.3	79.3	83.0	86.4	86.6	90.2	91.3	92.8	93.7
GE 900	55.9	58.0	61.9	64.5	72.8	73.3	76.2	78.3	79.3	83.0	86.4	86.6	90.2	91.3	92.8	93.7
GE 800	55.9	58.0	62.0	64.7	73.0	73.5	76.5	78.7	79.7	83.4	86.8	87.0	90.6	91.7	93.2	94.1
GE 700	56.1	58.2	62.1	64.9	73.1	73.8	76.7	79.1	80.1	83.8	87.1	87.4	91.0	92.2	93.7	94.7
GE 600	56.2	58.4	62.4	65.1	73.4	74.0	77.1	79.5	80.4	84.3	87.6	87.9	91.5	92.8	94.3	95.3
GE 500	56.2	58.4	62.4	65.1	73.5	74.1	77.4	79.7	80.9	84.8	88.2	88.5	92.3	93.8	95.5	96.5
GE 400	56.2	58.4	62.4	65.1	73.5	74.1	77.5	80.2	81.4	85.3	89.0	89.2	93.3	94.9	96.7	97.6
GE 300	56.3	58.5	62.5	65.2	73.6	74.3	77.6	80.3	81.6	85.4	89.1	89.4	93.7	95.4	97.3	98.3
GE 200	56.3	58.5	62.5	65.2	73.6	74.3	77.6	80.3	81.6	85.4	89.1	89.4	93.9	95.8	97.8	99.3
GE 100	56.3	58.5	62.5	65.2	73.6	74.3	77.6	80.3	81.6	85.4	89.1	89.4	93.9	95.8	97.8	99.6
GE 000	56.3	58.5	62.5	65.2	73.6	74.3	77.6	80.3	81.6	85.4	89.1	89.4	93.9	95.8	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 008

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.9	40.5	44.7	46.6	49.7	49.7	50.9	52.8	53.7	56.2	58.2	58.4	59.7	60.1	60.6	60.9
GE 20000	39.7	41.4	45.7	47.7	51.0	51.0	52.3	54.2	55.1	57.6	59.6	59.7	61.3	61.6	62.2	62.4
GE 18000	40.3	41.9	46.2	48.2	51.5	51.5	52.8	54.7	55.6	58.1	60.1	60.3	61.8	62.2	62.7	62.9
GE 16000	40.5	42.2	46.5	48.5	51.8	51.8	53.0	54.9	55.8	58.4	60.4	60.5	62.0	62.4	62.9	63.2
GE 14000	41.3	42.9	47.2	49.2	52.5	52.5	53.8	55.7	56.6	59.1	61.1	61.3	62.8	63.2	63.7	63.9
GE 12000	42.0	43.7	48.0	50.0	53.3	53.3	54.6	56.5	57.3	59.9	61.9	62.0	63.5	63.9	64.4	64.7
GE 10000	44.4	46.1	50.8	52.9	56.2	56.2	57.6	59.6	60.5	63.3	65.6	65.7	67.5	67.8	68.5	69.0
GE 9000	45.3	47.0	52.0	54.2	57.5	57.5	58.9	60.9	61.8	64.6	66.8	67.0	68.7	69.1	69.7	70.3
GE 8000	46.2	47.8	53.0	55.2	58.5	58.5	59.9	61.9	62.8	65.6	67.8	68.0	69.9	70.3	70.9	71.4
GE 7000	47.1	48.7	53.9	56.1	59.4	59.4	60.8	62.9	63.8	66.8	69.1	69.2	71.1	71.8	72.4	73.0
GE 6000	49.4	51.0	56.5	59.1	62.9	62.9	64.3	66.5	67.3	70.5	73.0	73.2	75.2	75.8	76.5	77.1
GE 5000	50.0	51.6	57.2	60.0	64.2	64.3	65.7	67.8	68.7	71.9	74.4	74.6	76.7	77.3	78.0	78.7
GE 4500	50.6	52.5	58.2	61.1	65.3	65.4	66.8	69.0	69.9	73.0	75.6	75.7	77.8	78.5	79.1	79.9
GE 4000	52.4	54.4	60.1	63.2	67.5	67.6	69.2	71.4	72.3	75.6	78.2	78.4	80.5	81.1	81.8	82.5
GE 3500	52.4	54.4	60.1	63.2	67.5	67.6	69.2	71.4	72.3	75.6	78.2	78.4	80.5	81.1	81.8	82.5
GE 3000	53.8	55.8	62.0	65.2	70.3	70.4	72.2	74.4	75.4	78.7	81.4	81.5	83.7	84.3	84.9	85.7
GE 2500	53.9	56.1	62.3	65.4	70.8	70.9	72.8	75.1	76.1	79.4	82.2	82.3	84.4	85.1	85.7	86.5
GE 2000	55.6	57.8	64.3	67.8	73.4	73.5	75.6	78.0	79.0	82.3	85.1	85.2	87.3	88.0	88.6	89.4
GE 1800	55.6	57.8	64.3	67.8	73.4	73.5	75.6	78.0	79.0	82.3	85.1	85.2	87.3	88.0	88.6	89.4
GE 1500	56.7	59.1	65.6	69.2	74.8	75.1	77.5	80.0	81.0	84.3	87.2	87.3	89.5	90.1	90.8	91.5
GE 1200	57.5	59.9	66.3	70.1	76.3	76.6	79.0	81.5	82.5	85.8	88.7	88.9	91.0	91.6	92.3	93.0
GE 1000	58.5	60.9	67.5	71.4	77.7	78.0	80.4	83.4	84.4	88.0	90.9	91.0	93.4	94.1	94.7	95.4
GE 900	58.6	61.0	67.6	71.5	77.8	78.1	80.5	83.5	84.6	88.1	91.0	91.1	93.5	94.2	94.8	95.6
GE 800	58.6	61.0	67.7	71.6	78.0	78.2	80.8	83.8	84.9	88.5	91.4	91.5	93.9	94.6	95.2	95.9
GE 700	58.6	61.0	67.7	71.6	78.1	78.4	80.9	83.9	85.1	88.6	91.5	91.6	94.1	94.7	95.3	96.2
GE 600	58.6	61.0	68.0	71.9	78.5	78.7	81.6	84.8	85.9	89.5	92.4	92.5	94.9	95.6	96.2	97.1
GE 500	58.7	61.1	68.1	72.0	78.6	78.9	82.2	85.6	87.0	90.5	93.4	93.5	96.1	97.0	97.6	98.5
GE 400	58.9	61.3	68.2	72.3	78.9	79.1	82.4	85.8	87.3	91.1	94.1	94.2	96.7	97.7	98.4	99.2
GE 300	59.0	61.4	68.4	72.4	79.0	79.2	82.5	85.9	87.5	91.3	94.3	94.4	97.0	98.1	98.7	99.6
GE 200	59.0	61.4	68.4	72.4	79.0	79.2	82.5	85.9	87.5	91.3	94.3	94.4	97.0	98.1	98.9	99.7
GE 100	59.0	61.4	68.4	72.4	79.0	79.2	82.5	85.9	87.5	91.3	94.3	94.4	97.0	98.1	98.9	99.9
GE 000	59.0	61.4	68.4	72.4	79.0	79.2	82.5	85.9	87.5	91.3	94.3	94.4	97.0	98.1	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 790

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.3	45.2	49.9	50.6	54.0	54.3	56.8	58.3	58.5	60.5	62.4	62.4	63.3	63.6	64.4	64.8
GE 20000	43.7	45.6	50.3	50.9	54.4	54.7	57.5	59.0	59.3	61.4	63.3	63.3	64.1	64.5	65.3	65.6
GE 18000	44.5	46.3	51.1	51.7	55.2	55.4	58.3	59.8	60.0	62.3	64.3	64.3	65.1	65.5	66.3	66.6
GE 16000	44.5	46.3	51.1	51.7	55.2	55.4	58.3	59.8	60.0	62.3	64.3	64.3	65.1	65.5	66.3	66.6
GE 14000	45.1	46.9	51.7	52.3	55.8	56.0	58.9	60.4	60.6	62.9	64.9	64.9	65.8	66.1	66.9	67.2
GE 12000	46.2	48.1	52.8	53.4	56.9	57.2	60.0	61.5	61.8	64.0	66.0	66.0	66.9	67.2	68.0	68.4
GE 10000	47.8	49.7	54.5	55.3	58.9	59.2	62.3	64.0	64.3	66.5	68.7	68.7	70.1	70.6	71.5	71.9
GE 9000	48.7	50.6	55.4	56.2	59.8	60.0	63.1	64.9	65.1	67.4	69.6	69.6	71.0	71.5	72.4	72.7
GE 8000	49.2	51.1	55.9	56.7	60.3	60.5	63.8	65.5	65.8	68.1	70.4	70.4	71.7	72.2	73.1	73.5
GE 7000	51.2	53.1	57.9	58.7	62.3	62.5	65.8	67.7	68.0	70.4	72.6	72.6	74.0	74.6	75.5	75.8
GE 6000	52.7	54.5	59.8	61.0	64.6	64.9	68.2	70.2	70.5	72.9	75.3	75.3	76.7	77.6	78.5	78.8
GE 5000	54.5	56.5	62.0	63.5	67.1	67.4	71.1	73.1	73.3	75.8	78.5	78.5	79.8	80.7	81.6	81.9
GE 4500	55.3	57.3	62.8	64.3	67.9	68.1	71.9	73.8	74.1	76.6	79.2	79.2	80.6	81.4	82.3	82.7
GE 4000	56.5	58.5	64.4	65.9	69.7	70.0	73.7	75.7	76.0	78.5	81.1	81.1	82.4	83.3	84.2	84.6
GE 3500	56.9	58.9	64.9	66.4	70.4	70.6	74.3	76.3	76.6	79.1	81.7	81.7	83.1	83.9	84.8	85.2
GE 3000	58.7	60.8	67.5	69.1	73.5	73.7	77.5	79.5	79.7	82.3	85.1	85.1	86.4	87.3	88.2	88.5
GE 2500	59.4	61.5	68.2	70.1	74.6	74.8	78.7	80.8	81.1	83.7	86.4	86.4	87.8	88.7	89.5	89.9
GE 2000	60.3	62.4	69.4	71.4	76.1	76.3	80.6	82.7	82.9	85.7	88.4	88.4	89.8	90.8	91.7	92.0
GE 1800	60.5	62.6	69.6	71.6	76.3	76.6	80.8	82.9	83.2	85.9	88.7	88.7	90.0	91.0	91.9	92.3
GE 1500	61.8	63.9	71.2	73.2	78.0	78.2	82.4	84.7	84.9	87.7	90.4	90.4	91.8	92.8	93.6	94.0
GE 1200	62.1	64.4	71.7	73.7	78.5	78.8	83.1	85.3	85.6	88.3	91.0	91.0	92.4	93.4	94.3	94.6
GE 1000	62.9	65.1	73.0	75.2	80.0	80.3	84.6	86.8	87.2	89.9	92.7	92.7	94.0	95.0	95.9	96.3
GE 900	63.0	65.3	73.1	75.3	80.1	80.4	84.7	86.9	87.3	90.0	92.8	92.8	94.1	95.1	96.0	96.4
GE 800	63.3	65.5	73.3	75.6	80.3	80.7	84.9	87.2	87.5	90.3	93.0	93.0	94.4	95.4	96.3	96.6
GE 700	63.3	65.5	73.5	75.7	80.4	80.8	85.1	87.3	87.7	90.4	93.2	93.2	94.5	95.5	96.4	96.8
GE 600	63.4	65.6	73.7	76.1	81.1	81.4	85.8	88.0	88.4	91.2	94.0	94.0	95.4	96.4	97.3	97.6
GE 500	63.4	65.6	73.7	76.2	81.3	81.7	86.2	88.4	88.8	91.5	94.5	94.5	96.1	97.1	98.0	98.4
GE 400	63.4	65.6	73.7	76.2	81.3	81.7	86.2	88.4	89.2	91.9	95.0	95.0	96.8	97.9	98.8	99.1
GE 300	63.4	65.6	73.7	76.2	81.3	81.7	86.2	88.4	89.2	91.9	95.0	95.1	97.1	98.3	99.1	99.5
GE 200	63.4	65.6	73.7	76.2	81.3	81.7	86.2	88.4	89.2	91.9	95.0	95.1	97.1	98.3	99.3	99.6
GE 100	63.4	65.6	73.7	76.2	81.3	81.7	86.2	88.4	89.2	91.9	95.0	95.1	97.1	98.4	99.4	100.0
GE 000	63.4	65.6	73.7	76.2	81.3	81.7	86.2	88.4	89.2	91.9	95.0	95.1	97.1	98.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 803

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
1ST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FFR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.8	41.5	44.7	46.2	50.3	50.6	52.7	54.2	54.7	57.0	58.9	59.0	60.6	61.3	61.9	62.2
GE 20000	40.8	42.5	45.7	47.3	51.4	51.8	53.9	55.5	56.0	58.3	60.3	60.4	62.0	62.7	63.4	63.7
GE 18000	41.4	43.1	46.4	48.0	52.1	52.5	54.6	56.2	56.7	59.0	61.0	61.1	62.7	63.4	64.1	64.4
GE 16000	41.6	43.3	46.6	48.2	52.3	52.7	54.8	56.4	56.9	59.2	61.2	61.3	63.0	63.6	64.3	64.6
GE 14000	42.3	44.1	47.4	49.0	53.2	53.6	55.7	57.4	57.9	60.3	62.3	62.4	64.1	64.8	65.4	65.7
GE 12000	43.2	45.0	48.4	50.0	54.2	54.6	56.8	58.4	58.9	61.4	63.4	63.5	65.1	65.8	66.5	66.8
GE 10000	44.8	46.7	50.1	51.9	56.2	56.6	58.9	60.7	61.2	63.8	65.8	66.0	67.8	68.6	69.4	69.8
GE 9000	45.4	47.3	50.8	52.6	57.0	57.4	59.7	61.6	62.1	64.6	66.7	66.8	68.7	69.4	70.2	70.7
GE 8000	46.8	48.7	52.3	54.2	58.6	59.1	61.4	63.3	63.9	66.4	68.6	68.7	70.7	71.4	72.3	72.8
GE 7000	47.9	49.9	53.5	55.4	59.9	60.3	62.7	64.8	65.3	68.0	70.1	70.2	72.2	73.0	73.9	74.4
GE 6000	49.9	51.9	55.7	57.7	62.5	62.9	65.4	67.5	68.0	70.8	73.0	73.1	75.1	76.0	76.8	77.4
GE 5000	51.0	53.0	57.0	59.2	64.0	64.5	67.0	69.2	69.7	72.5	74.8	74.9	77.0	78.0	78.8	79.4
GE 4500	51.4	53.4	57.4	59.6	64.5	65.0	67.5	69.7	70.2	73.0	75.2	75.3	77.4	78.4	79.3	79.9
GE 4000	52.7	54.8	58.9	61.1	66.1	66.6	69.3	71.5	72.0	75.0	77.2	77.4	79.5	80.5	81.3	81.9
GE 3500	53.3	55.4	59.5	61.8	66.8	67.3	70.0	72.2	72.7	75.7	77.9	78.1	80.2	81.2	82.0	82.7
GE 3000	54.8	57.0	61.3	63.6	68.9	69.4	72.2	74.5	75.0	78.0	80.3	80.4	82.5	83.5	84.4	85.0
GE 2500	55.4	57.6	62.1	64.5	70.0	70.6	73.4	75.7	76.3	79.2	81.6	81.7	83.8	84.8	85.7	86.3
GE 2000	56.6	58.9	63.6	66.1	72.0	72.5	75.4	78.0	78.5	81.6	84.0	84.1	86.3	87.3	88.2	88.9
GE 1800	56.8	59.1	63.8	66.4	72.2	72.7	75.6	78.2	78.8	81.9	84.3	84.4	86.6	87.6	88.5	89.1
GE 1500	57.5	60.0	64.9	67.6	73.6	74.2	77.4	80.2	80.9	84.0	86.4	86.6	88.7	89.8	90.7	91.3
GE 1200	57.9	60.3	65.3	68.1	74.2	74.9	78.1	81.0	81.7	84.8	87.3	87.5	89.7	90.7	91.6	92.2
GE 1000	58.5	61.0	66.2	69.0	75.3	75.9	79.4	82.5	83.3	86.6	89.2	89.4	91.7	92.8	93.7	94.4
GE 900	58.6	61.1	66.2	69.1	75.4	76.1	79.5	82.6	83.4	86.7	89.4	89.5	91.8	93.0	93.9	94.5
GE 800	58.6	61.1	66.4	69.2	75.5	76.2	79.7	82.8	83.7	87.0	89.8	90.0	92.3	93.5	94.4	95.0
GE 700	58.7	61.3	66.5	69.4	75.7	76.5	80.0	83.1	84.0	87.4	90.2	90.4	92.8	94.0	95.0	95.6
GE 600	58.8	61.4	66.7	69.6	75.9	76.7	80.3	83.5	84.4	87.8	90.7	90.9	93.3	94.5	95.5	96.1
GE 500	59.0	61.6	66.9	69.8	76.2	77.0	80.7	84.0	85.0	88.5	91.5	91.6	94.3	95.6	96.6	97.3
GE 400	59.0	61.6	66.9	69.9	76.3	77.1	80.9	84.2	85.3	89.0	92.0	92.2	95.1	96.6	97.6	98.3
GE 300	59.2	61.8	67.1	70.0	76.5	77.2	81.0	84.4	85.5	89.2	92.3	92.4	95.5	97.0	98.1	98.8
GE 200	59.2	61.8	67.1	70.0	76.5	77.3	81.1	84.4	85.5	89.2	92.4	92.6	95.7	97.3	98.6	99.5
GE 100	59.2	61.8	67.1	70.0	76.5	77.3	81.1	84.4	85.5	89.2	92.4	92.6	95.7	97.4	98.8	99.8
GE 000	59.2	61.8	67.1	70.0	76.5	77.3	81.1	84.4	85.5	89.2	92.4	92.6	95.7	97.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.7	60.1	62.1	63.8	66.2	66.2	67.5	69.1	69.3	69.9	70.8	70.8	72.0	72.5	74.0	74.5
GE 20000	58.7	60.1	62.1	63.8	66.5	66.6	67.8	69.5	69.7	70.3	71.2	71.2	72.3	72.9	74.4	74.8
GE 18000	59.2	60.5	62.6	64.3	66.9	67.0	68.3	69.9	70.1	70.7	71.6	71.6	72.8	73.3	74.8	75.3
GE 16000	59.2	60.5	62.6	64.3	66.9	67.0	68.3	69.9	70.1	70.7	71.6	71.6	72.8	73.3	74.8	75.3
GE 14000	60.3	61.7	63.7	65.4	68.1	68.2	69.5	71.1	71.3	71.9	72.8	72.8	73.9	74.5	76.0	76.4
GE 12000	60.6	62.1	64.2	65.9	68.5	68.6	69.9	71.5	71.7	72.3	73.2	73.2	74.4	74.9	76.4	76.9
GE 10000	61.0	62.5	64.5	66.2	68.9	69.0	70.3	71.9	72.1	72.7	73.6	73.6	74.7	75.3	76.8	77.2
GE 9000	61.7	63.2	65.2	66.9	69.6	69.7	70.9	72.5	72.8	73.3	74.3	74.3	75.4	76.0	77.5	77.9
GE 8000	63.3	64.8	66.8	68.8	71.4	71.5	72.8	74.4	74.6	75.2	76.1	76.1	77.2	77.8	79.3	79.7
GE 7000	64.8	66.2	68.4	70.4	73.0	73.1	74.4	76.0	76.2	76.8	77.7	77.7	78.8	79.4	80.9	81.4
GE 6000	65.1	66.6	68.8	70.7	73.3	73.5	74.7	76.3	76.5	77.1	78.0	78.0	79.2	79.7	81.2	81.7
GE 5000	66.1	67.8	70.8	72.8	75.5	75.6	77.2	78.8	79.1	79.6	80.5	80.5	81.7	82.3	83.8	84.2
GE 4500	66.2	68.0	70.9	72.9	75.6	75.7	77.3	78.9	79.2	79.7	80.7	80.7	81.8	82.4	83.9	84.3
GE 4000	66.9	68.6	71.6	73.6	76.3	76.4	78.0	79.6	79.9	80.4	81.4	81.4	82.5	83.1	84.6	85.0
GE 3500	67.8	69.6	72.5	74.5	77.2	77.3	78.9	80.5	80.8	81.4	82.3	82.3	83.4	84.0	85.5	85.9
GE 3000	69.3	71.1	74.1	76.2	79.2	79.3	80.9	82.5	82.7	83.3	84.2	84.2	85.6	86.2	87.6	88.1
GE 2500	69.9	71.6	74.7	77.0	80.0	80.1	81.7	83.3	83.5	84.1	85.0	85.0	86.4	87.0	88.4	88.9
GE 2000	71.3	73.1	76.7	79.1	82.0	82.2	83.8	85.5	85.7	86.3	87.2	87.2	88.6	89.1	90.6	91.1
GE 1800	71.7	73.6	77.1	79.5	82.5	82.6	84.2	85.9	86.2	86.7	87.6	87.6	89.0	89.6	91.1	91.5
GE 1500	72.9	74.7	78.3	80.8	83.8	83.9	85.7	87.4	87.6	88.2	89.1	89.1	90.5	91.1	92.6	93.0
GE 1200	73.5	75.3	78.8	81.4	84.4	84.6	86.7	88.4	88.7	89.2	90.2	90.2	91.5	92.1	93.6	94.1
GE 1000	74.6	76.4	80.1	83.0	86.2	86.3	88.6	90.3	90.5	91.1	92.0	92.0	93.7	94.3	95.8	96.2
GE 900	74.6	76.4	80.1	83.0	86.3	86.4	88.7	90.4	90.6	91.2	92.1	92.1	93.8	94.4	95.9	96.3
GE 800	74.8	76.7	80.4	83.4	86.7	86.8	89.1	90.8	91.1	91.6	92.7	92.7	94.4	95.0	96.5	96.9
GE 700	75.1	77.1	81.1	84.1	87.4	87.5	89.8	91.5	91.8	92.3	93.4	93.4	95.1	95.7	97.1	97.6
GE 600	75.6	77.7	81.7	84.7	88.1	88.2	90.5	92.2	92.6	93.1	94.2	94.2	96.0	96.8	98.3	98.7
GE 500	75.9	77.9	81.9	84.9	88.3	88.4	90.7	92.4	92.8	93.5	94.7	94.7	96.7	97.5	99.0	99.4
GE 400	76.1	78.1	82.2	85.1	88.6	88.7	91.0	92.7	93.0	93.7	95.0	95.0	96.9	97.8	99.3	99.8
GE 300	76.1	78.1	82.2	85.1	88.6	88.7	91.0	92.7	93.0	93.7	95.0	95.0	96.9	97.8	99.3	99.8
GE 200	76.1	78.1	82.2	85.1	88.6	88.7	91.0	92.7	93.0	93.7	95.0	95.0	96.9	97.9	99.5	100.0
GE 100	76.1	78.1	82.2	85.1	88.6	88.7	91.0	92.7	93.0	93.7	95.0	95.0	96.9	97.9	99.5	100.0
GE 000	76.1	78.1	82.2	85.1	88.6	88.7	91.0	92.7	93.0	93.7	95.0	95.0	96.9	97.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 874

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 5

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.2	57.4	60.1	62.4	65.4	65.7	67.0	68.4	68.4	69.0	70.0	70.1	71.5	72.1	73.5	73.5
GE 20000	55.6	57.7	60.4	62.8	66.0	66.4	67.7	69.1	69.1	69.6	70.6	70.8	72.2	72.8	74.1	74.1
GE 18000	55.9	58.0	60.7	63.1	66.4	66.7	68.1	69.4	69.4	70.0	71.0	71.1	72.6	73.1	74.5	74.5
GE 16000	55.9	58.0	60.7	63.1	66.4	66.7	68.1	69.4	69.4	70.0	71.0	71.1	72.6	73.1	74.5	74.5
GE 14000	56.2	58.4	61.1	63.4	66.7	67.0	68.4	69.7	69.7	70.3	71.3	71.4	72.9	73.5	74.8	74.8
GE 12000	56.4	58.5	61.2	63.6	66.8	67.2	68.5	69.9	69.9	70.4	71.4	71.5	73.0	73.6	74.9	74.9
GE 10000	57.3	59.5	62.2	64.7	68.1	68.4	69.7	71.1	71.1	71.7	72.7	72.8	74.2	74.8	76.2	76.2
GE 9000	57.7	60.0	62.7	65.1	68.5	68.8	70.2	71.5	71.5	72.1	73.1	73.2	74.7	75.3	76.6	76.6
GE 8000	59.5	61.9	64.6	67.2	70.5	70.9	72.2	73.6	73.6	74.1	75.1	75.3	76.7	77.3	78.6	78.6
GE 7000	60.3	62.7	65.4	67.9	71.3	71.7	73.0	74.4	74.4	74.9	75.9	76.0	77.5	78.1	79.4	79.4
GE 6000	60.7	63.1	65.9	68.5	71.9	72.2	73.6	74.9	74.9	75.5	76.5	76.6	78.1	78.6	80.0	80.0
GE 5000	61.5	64.2	67.5	70.1	73.5	73.8	75.3	76.6	76.6	77.2	78.2	78.3	79.8	80.3	81.7	81.7
GE 4500	62.0	64.7	67.9	70.5	73.9	74.2	75.7	77.1	77.1	77.6	78.6	78.7	80.2	80.8	82.1	82.1
GE 4000	62.5	65.2	68.6	71.2	74.7	75.0	76.5	77.8	77.8	78.4	79.4	79.5	81.0	81.6	82.9	82.9
GE 3500	62.8	65.5	68.8	71.4	74.9	75.3	76.7	78.1	78.1	78.6	79.6	79.8	81.2	81.8	83.1	83.1
GE 3000	64.5	67.5	71.0	74.0	78.1	78.4	79.9	81.2	81.2	81.8	82.8	82.9	84.4	84.9	86.3	86.3
GE 2500	65.2	68.7	72.2	75.4	79.5	79.9	81.3	82.7	82.7	83.2	84.3	84.4	85.8	86.4	87.7	87.7
GE 2000	67.0	70.9	74.4	77.5	81.7	82.0	83.5	84.8	84.8	85.4	86.4	86.5	88.0	88.5	89.9	89.9
GE 1800	67.8	71.7	75.4	78.6	82.8	83.1	84.6	85.9	85.9	86.5	87.5	87.6	89.1	89.7	91.0	91.0
GE 1500	69.2	73.0	76.8	80.1	84.4	84.7	86.2	87.5	87.5	88.1	89.1	89.2	90.7	91.2	92.6	92.6
GE 1200	69.5	73.3	77.4	80.9	85.3	85.6	87.2	88.5	88.5	89.1	90.1	90.2	91.7	92.2	93.6	93.6
GE 1000	70.8	74.6	78.7	82.2	86.6	87.0	88.5	89.9	89.9	90.4	91.5	91.6	93.4	93.9	95.3	95.3
GE 900	71.0	74.8	79.0	82.5	86.8	87.2	88.8	90.1	90.1	90.7	91.7	91.8	93.6	94.2	95.5	95.5
GE 800	71.1	75.0	79.2	82.7	87.1	87.4	89.1	90.6	90.6	91.1	92.1	92.2	94.0	94.6	96.2	96.2
GE 700	71.1	75.0	79.2	82.7	87.1	87.4	89.1	90.6	90.6	91.1	92.1	92.2	94.0	94.6	96.2	96.2
GE 600	71.8	75.8	80.0	83.6	88.1	88.4	90.3	91.9	91.9	92.5	93.5	93.6	95.4	96.3	97.9	98.0
GE 500	72.1	76.2	80.3	84.0	88.5	88.9	90.8	92.4	92.4	92.9	93.9	94.0	95.8	96.7	98.3	98.4
GE 400	72.4	76.5	80.7	84.4	88.9	89.2	91.1	92.7	92.7	93.3	94.3	94.4	96.2	97.2	98.8	98.9
GE 300	72.9	76.9	81.1	84.8	89.3	89.7	91.6	93.1	93.1	93.7	94.7	94.8	96.7	97.8	99.4	99.6
GE 200	72.9	76.9	81.1	84.8	89.4	89.8	91.7	93.3	93.3	94.0	95.1	95.2	97.1	98.1	99.8	100.0
GE 100	72.9	76.9	81.1	84.8	89.4	89.8	91.7	93.3	93.3	94.0	95.1	95.2	97.1	98.1	99.8	100.0
GE 000	72.9	76.9	81.1	84.8	89.4	89.8	91.7	93.3	93.3	94.0	95.1	95.2	97.1	98.1	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 889

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.6	47.4	50.7	53.4	56.4	56.6	58.8	60.2	60.2	61.9	62.6	62.6	64.0	64.5	65.7	66.3
GE 20000	45.7	47.5	50.8	53.5	56.6	56.8	59.2	60.5	60.5	62.2	63.0	63.0	64.3	64.9	66.0	66.7
GE 18000	46.1	47.9	51.1	53.8	56.9	57.2	59.5	60.9	60.9	62.5	63.3	63.3	64.7	65.2	66.3	67.0
GE 16000	46.1	47.9	51.1	53.8	56.9	57.2	59.5	60.9	60.9	62.5	63.3	63.3	64.7	65.2	66.3	67.0
GE 14000	46.9	48.7	51.9	54.6	57.7	57.9	60.3	61.6	61.6	63.3	64.1	64.1	65.4	66.0	67.1	67.8
GE 12000	47.1	48.9	52.1	54.8	57.9	58.2	60.5	61.9	61.9	63.5	64.3	64.3	65.7	66.2	67.3	68.0
GE 10000	48.7	50.4	53.8	56.6	59.7	60.0	62.3	63.6	63.6	65.4	66.3	66.3	67.7	68.2	69.4	70.0
GE 9000	49.7	51.5	54.9	57.7	61.1	61.3	63.6	65.0	65.0	66.8	67.7	67.7	69.0	69.6	70.7	71.4
GE 8000	51.5	53.5	57.6	60.4	63.9	64.3	66.9	68.3	68.3	70.2	71.1	71.1	72.5	73.0	74.2	74.8
GE 7000	52.7	54.8	59.1	61.9	65.3	65.8	68.3	69.8	69.8	71.8	72.7	72.7	74.0	74.6	75.7	76.4
GE 6000	53.4	55.5	60.0	62.8	66.2	66.7	69.2	70.8	70.8	73.0	73.9	73.9	75.3	75.8	77.0	77.6
GE 5000	53.7	56.0	60.5	63.4	66.9	67.3	69.9	71.5	71.5	73.7	74.6	74.6	76.0	76.5	77.6	78.3
GE 4500	54.3	56.7	61.3	64.2	67.7	68.1	70.7	72.3	72.3	74.5	75.4	75.4	76.7	77.3	78.4	79.1
GE 4000	55.1	57.6	62.4	65.3	68.8	69.2	71.8	73.4	73.5	75.7	76.6	76.6	78.0	78.5	79.6	80.3
GE 3500	55.3	57.7	62.5	65.4	68.9	69.4	71.9	73.5	73.6	75.8	76.7	76.7	78.1	78.6	79.8	80.4
GE 3000	57.0	59.8	65.0	68.3	72.0	72.5	75.1	76.7	76.8	79.1	80.0	80.0	81.3	81.9	83.0	83.7
GE 2500	57.0	60.1	65.2	68.8	72.8	73.3	75.8	77.5	77.6	79.9	80.8	80.8	82.1	82.7	83.8	84.5
GE 2000	58.1	61.4	67.0	70.8	75.4	75.8	78.5	80.2	80.3	82.6	83.4	83.4	84.8	85.3	86.5	87.1
GE 1800	58.4	61.7	67.3	71.3	76.1	76.5	79.2	81.0	81.1	83.4	84.3	84.3	85.7	86.2	87.4	88.0
GE 1500	58.6	62.2	67.9	72.3	77.2	77.9	80.8	82.7	82.8	85.2	86.2	86.2	87.7	88.3	89.4	90.0
GE 1200	59.2	62.9	68.6	73.3	78.5	79.2	82.1	84.0	84.1	86.6	87.6	87.6	89.0	89.6	90.7	91.4
GE 1000	60.5	64.5	70.5	75.5	81.1	81.8	84.9	87.0	87.2	89.7	90.8	90.8	92.3	92.8	94.0	94.6
GE 900	60.5	64.5	70.5	75.5	81.1	81.8	84.9	87.0	87.2	89.7	90.9	90.9	92.4	93.0	94.1	94.9
GE 800	60.5	64.7	70.7	75.7	81.3	82.1	85.3	87.6	87.8	90.3	91.5	91.5	93.1	93.6	94.7	95.5
GE 700	60.7	64.9	71.0	76.2	81.8	82.7	85.9	88.1	88.4	90.8	92.1	92.1	93.8	94.4	95.5	96.3
GE 600	61.3	65.4	71.6	76.7	82.4	83.3	86.6	88.9	89.1	92.1	93.3	93.3	95.1	95.9	97.0	97.9
GE 500	61.7	66.0	72.1	77.3	83.1	84.0	87.2	89.7	89.9	92.8	94.1	94.1	96.1	96.9	98.0	98.9
GE 400	61.9	66.1	72.4	77.5	83.3	84.2	87.5	89.9	90.2	93.1	94.3	94.3	96.4	97.3	98.4	99.3
GE 300	61.9	66.1	72.4	77.5	83.3	84.2	87.6	90.0	90.3	93.2	94.4	94.4	96.5	97.4	98.7	99.6
GE 200	61.9	66.1	72.4	77.5	83.3	84.2	87.6	90.2	90.4	93.3	94.5	94.5	96.8	97.7	99.0	99.9
GE 100	62.0	66.2	72.5	77.6	83.4	84.3	87.7	90.3	90.5	93.4	94.6	94.6	96.9	97.8	99.1	100.0
GE 000	62.0	66.2	72.5	77.6	83.4	84.3	87.7	90.3	90.5	93.4	94.6	94.6	96.9	97.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 894

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.4	46.8	50.9	53.6	58.1	58.4	61.0	63.1	63.5	66.0	67.1	67.4	69.6	70.3	71.5	72.6
GE 20000	47.2	47.6	51.7	54.4	58.9	59.2	61.8	63.9	64.3	66.8	67.9	68.2	70.3	71.1	72.2	73.4
GE 18000	47.4	47.8	52.0	54.6	59.1	59.4	62.0	64.1	64.5	67.0	68.1	68.5	70.6	71.3	72.5	73.6
GE 16000	47.4	47.8	52.0	54.6	59.1	59.4	62.0	64.1	64.5	67.0	68.1	68.5	70.6	71.3	72.5	73.6
GE 14000	47.6	48.0	52.2	54.8	59.3	59.6	62.2	64.3	64.8	67.2	68.3	68.7	70.8	71.6	72.7	73.8
GE 12000	48.0	48.5	52.6	55.3	59.8	60.1	62.7	64.8	65.2	67.7	68.8	69.1	71.2	72.0	73.1	74.2
GE 10000	48.8	49.3	53.6	56.4	61.1	61.4	64.1	66.2	66.7	69.1	70.2	70.6	72.7	73.5	74.6	75.7
GE 9000	49.1	49.5	54.1	57.0	61.6	62.0	64.8	67.0	67.4	70.0	71.1	71.5	73.6	74.4	75.5	76.6
GE 8000	50.3	50.7	55.5	58.4	63.2	63.5	66.6	69.2	69.7	72.7	73.8	74.1	76.3	77.1	78.3	79.4
GE 7000	50.5	51.1	56.2	59.3	64.4	64.8	67.8	70.5	70.9	73.9	75.0	75.4	77.5	78.4	79.5	80.6
GE 6000	51.6	52.2	57.3	60.6	65.8	66.1	69.1	71.8	72.2	75.3	76.4	76.7	78.8	79.7	80.8	81.9
GE 5000	51.6	52.2	57.3	60.6	65.8	66.1	69.1	72.0	72.5	75.5	76.7	77.0	79.2	80.0	81.2	82.3
GE 4500	51.7	52.3	57.4	60.9	66.0	66.3	69.3	72.2	72.7	75.7	76.9	77.3	79.4	80.3	81.4	82.5
GE 4000	52.2	52.8	58.1	61.8	67.2	67.6	70.6	73.5	73.9	76.9	78.1	78.5	80.6	81.5	82.6	83.7
GE 3500	52.4	53.2	58.5	62.3	68.0	68.3	71.3	74.2	74.7	77.7	78.9	79.3	81.4	82.3	83.4	84.5
GE 3000	52.7	53.5	59.4	63.5	69.5	69.8	72.9	75.9	76.4	79.4	80.7	81.0	83.2	84.1	85.2	86.3
GE 2500	52.8	53.6	59.5	63.7	69.7	70.0	73.1	76.1	76.6	79.6	80.9	81.3	83.4	84.3	85.4	86.5
GE 2000	53.8	55.0	61.2	66.1	72.6	72.9	76.1	79.2	79.7	82.7	84.2	84.5	86.8	87.8	89.1	90.2
GE 1800	53.8	55.2	61.5	66.6	73.0	73.4	76.7	79.7	80.3	83.3	84.7	85.1	87.4	88.4	89.6	90.7
GE 1500	54.0	55.3	62.1	67.2	74.1	74.6	78.7	81.7	82.3	85.3	86.8	87.2	89.5	90.5	91.8	92.9
GE 1200	54.2	55.5	62.4	67.7	74.8	75.3	79.5	82.5	83.2	86.3	87.8	88.2	90.5	91.5	92.8	93.9
GE 1000	55.0	56.3	63.7	68.9	76.5	76.9	81.6	84.6	85.3	88.5	90.1	90.4	92.8	93.8	95.0	96.1
GE 900	55.0	56.3	63.7	68.9	76.5	76.9	81.6	84.6	85.3	88.5	90.1	90.4	92.8	93.8	95.0	96.1
GE 800	55.1	56.4	63.8	69.0	76.7	77.1	81.9	84.9	85.6	88.9	90.4	90.7	93.1	94.1	95.3	96.4
GE 700	55.2	56.5	63.9	69.1	76.8	77.3	82.3	85.3	86.0	89.2	90.7	91.1	93.4	94.4	95.7	96.8
GE 600	55.4	56.7	64.1	69.3	77.1	77.6	82.8	86.1	86.7	90.1	91.8	92.1	94.4	95.4	96.8	98.0
GE 500	55.7	57.1	64.4	69.7	77.6	78.0	83.3	86.6	87.3	90.9	92.8	93.1	95.5	96.5	97.9	99.1
GE 400	55.7	57.1	64.4	69.7	77.6	78.0	83.3	86.6	87.3	90.9	92.8	93.1	95.5	96.5	97.9	99.1
GE 300	55.9	57.2	64.5	69.9	77.8	78.3	83.5	86.8	87.5	91.1	93.1	93.4	95.9	97.0	98.3	99.6
GE 200	55.9	57.2	64.5	69.9	77.8	78.3	83.5	86.8	87.5	91.1	93.1	93.4	95.9	97.0	98.3	100.0
GE 100	55.9	57.2	64.5	69.9	77.8	78.3	83.5	86.8	87.5	91.1	93.1	93.4	95.9	97.0	98.3	100.0
GE 000	55.9	57.2	64.5	69.9	77.8	78.3	83.5	86.8	87.5	91.1	93.1	93.4	95.9	97.0	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.8	53.8	58.0	59.2	62.9	63.2	65.0	66.5	66.6	69.2	70.1	70.6	73.1	74.1	74.7	76.2
GE 20000	53.3	54.3	58.4	59.6	63.5	63.8	65.6	67.0	67.2	70.0	70.9	71.4	73.9	74.9	75.4	77.0
GE 18000	53.4	54.4	58.5	59.8	63.6	63.9	65.7	67.2	67.3	70.1	71.0	71.5	74.0	75.0	75.6	77.1
GE 16000	53.5	54.5	58.6	59.9	63.7	64.0	65.8	67.3	67.4	70.2	71.1	71.6	74.1	75.1	75.7	77.2
GE 14000	53.7	54.8	59.0	60.2	64.0	64.3	66.1	67.6	67.7	70.5	71.4	72.0	74.4	75.6	76.1	77.7
GE 12000	54.1	55.3	59.4	60.7	64.5	64.8	66.6	68.0	68.2	71.0	71.9	72.4	74.9	76.0	76.6	78.1
GE 10000	55.2	56.4	60.9	62.1	66.0	66.4	68.2	69.6	69.7	72.5	73.4	74.0	76.5	77.6	78.1	79.7
GE 9000	55.7	57.0	61.4	62.8	66.8	67.2	69.1	70.6	70.7	73.5	74.4	75.0	77.5	78.6	79.1	80.7
GE 8000	56.8	58.1	63.0	64.5	68.6	68.9	70.9	72.5	72.6	75.6	76.5	77.0	79.6	80.7	81.4	83.0
GE 7000	57.6	58.9	63.8	65.2	69.4	69.7	71.6	73.3	73.4	76.3	77.2	77.8	80.4	81.5	82.2	83.7
GE 6000	58.6	60.0	65.2	66.8	71.1	71.4	73.4	75.1	75.2	78.1	79.0	79.6	82.2	83.3	84.0	85.5
GE 5000	58.9	60.2	65.6	67.2	71.5	71.9	73.9	75.6	75.7	78.6	79.5	80.0	82.6	83.7	84.4	86.0
GE 4500	59.0	60.3	65.7	67.3	71.6	72.0	74.0	75.7	75.8	78.7	79.6	80.2	82.7	83.9	84.5	86.1
GE 4000	59.3	60.8	66.3	67.9	72.3	72.6	74.8	76.5	76.6	79.6	80.5	81.1	83.6	84.8	85.4	87.0
GE 3500	59.4	61.0	66.6	68.3	72.6	73.0	75.1	76.8	76.9	79.9	80.8	81.4	84.0	85.1	85.8	87.3
GE 3000	59.4	61.0	66.8	68.5	73.0	73.3	75.7	77.4	77.5	80.5	81.4	82.0	84.8	85.9	86.5	88.1
GE 2500	59.5	61.2	67.3	69.1	73.7	74.0	76.5	78.3	78.4	81.4	82.3	82.8	85.7	86.8	87.4	89.0
GE 2000	60.0	62.1	68.4	70.2	74.8	75.1	77.7	79.6	79.7	82.8	83.7	84.3	87.1	88.2	89.0	90.8
GE 1800	60.1	62.4	68.8	70.6	75.2	75.6	78.1	80.0	80.2	83.3	84.2	84.8	87.6	88.7	89.5	91.3
GE 1500	60.3	62.8	69.7	71.6	76.6	77.0	80.0	82.4	82.5	85.9	86.8	87.3	90.1	91.3	92.0	93.8
GE 1200	60.5	63.0	70.0	71.9	77.0	77.5	80.7	83.1	83.2	86.8	87.7	88.2	91.0	92.2	92.9	94.7
GE 1000	60.7	63.1	70.4	72.3	77.9	78.4	82.1	84.5	84.6	88.3	89.2	89.8	92.8	93.9	94.7	96.5
GE 900	60.7	63.1	70.4	72.3	77.9	78.4	82.1	84.8	84.9	88.6	89.5	90.0	93.0	94.2	95.0	96.7
GE 800	60.7	63.1	70.4	72.3	77.9	78.4	82.1	85.0	85.1	88.8	89.7	90.2	93.3	94.4	95.2	97.0
GE 700	61.0	63.6	71.0	72.9	78.5	78.9	82.6	85.5	85.7	89.3	90.2	90.8	93.8	95.0	95.7	97.5
GE 600	61.3	63.9	71.3	73.2	78.8	79.4	83.1	86.0	86.1	89.8	90.7	91.3	94.3	95.4	96.2	98.0
GE 500	61.4	64.1	71.5	73.4	79.0	79.6	83.4	86.4	86.5	90.5	91.6	92.2	95.2	96.3	97.1	98.9
GE 400	61.7	64.3	71.7	73.7	79.3	79.8	83.6	86.7	86.8	90.7	91.8	92.4	95.4	96.5	97.3	99.1
GE 300	61.7	64.3	71.7	73.7	79.3	79.8	83.7	86.8	86.9	90.8	92.3	92.8	95.9	97.1	97.9	99.7
GE 200	61.7	64.3	71.7	73.7	79.3	79.8	83.7	86.8	86.9	90.8	92.3	92.8	95.9	97.1	97.9	99.8
GE 100	61.7	64.3	71.7	73.7	79.3	79.8	83.7	86.8	86.9	90.8	92.3	92.8	95.9	97.1	97.9	100.0
GE 000	61.7	64.3	71.7	73.7	79.3	79.8	83.7	86.8	86.9	90.8	92.3	92.8	95.9	97.1	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 892

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.8	55.4	58.8	61.2	64.3	64.6	66.0	67.1	67.2	68.3	69.1	69.3	71.3	72.3	73.2	74.5
GE 20000	55.2	56.7	60.6	63.0	66.1	66.4	67.7	68.9	69.0	70.2	71.0	71.2	73.2	74.2	75.1	76.4
GE 18000	55.5	57.1	61.0	63.3	66.4	66.7	68.1	69.2	69.3	70.5	71.3	71.5	73.5	74.5	75.4	76.8
GE 16000	55.5	57.1	61.0	63.3	66.4	66.7	68.1	69.2	69.3	70.5	71.3	71.5	73.5	74.5	75.4	76.8
GE 14000	55.8	57.4	61.3	63.6	66.7	67.1	68.4	69.5	69.6	70.9	71.6	71.9	73.9	74.9	75.8	77.1
GE 12000	56.4	58.0	61.8	64.2	67.3	67.6	69.0	70.1	70.2	71.4	72.2	72.4	74.4	75.4	76.3	77.6
GE 10000	58.1	59.6	63.7	66.1	69.3	69.6	71.0	72.1	72.2	73.4	74.2	74.4	76.4	77.4	78.3	79.6
GE 9000	58.7	60.3	64.6	67.0	70.3	70.6	72.0	73.1	73.2	74.4	75.2	75.4	77.4	78.4	79.3	80.6
GE 8000	59.5	61.1	65.5	67.9	71.3	71.6	73.2	74.4	74.5	75.8	76.6	76.9	79.0	80.0	81.1	82.4
GE 7000	61.2	62.7	67.3	69.6	73.1	73.4	75.0	76.2	76.3	77.5	78.4	78.6	80.8	81.8	82.9	84.2
GE 6000	61.7	63.5	68.1	70.5	74.1	74.6	76.5	77.8	77.9	79.1	80.0	80.2	82.3	83.3	84.4	85.8
GE 5000	62.2	64.0	68.5	71.1	74.6	75.2	77.1	78.3	78.4	79.9	80.8	81.0	83.1	84.1	85.2	86.5
GE 4500	62.3	64.1	68.6	71.2	74.7	75.3	77.2	78.4	78.5	80.0	80.9	81.1	83.2	84.2	85.3	86.7
GE 4000	62.5	64.3	69.0	71.5	75.2	75.8	77.8	79.0	79.1	80.5	81.4	81.6	83.8	84.8	85.9	87.2
GE 3500	63.0	64.7	69.5	72.1	75.8	76.3	78.3	79.5	79.6	81.1	82.0	82.2	84.3	85.3	86.4	87.8
GE 3000	63.3	65.1	70.0	72.5	76.2	76.8	78.8	80.0	80.1	81.5	82.4	82.6	84.8	85.8	86.9	88.2
GE 2500	63.8	65.6	70.5	73.1	77.3	77.9	79.9	81.1	81.2	82.6	83.5	83.8	85.9	86.9	88.0	89.3
GE 2000	64.5	66.3	71.3	73.9	78.6	79.2	81.3	82.5	82.6	84.1	85.0	85.2	87.3	88.3	89.7	91.1
GE 1800	64.5	66.3	71.3	73.9	78.6	79.2	81.3	82.5	82.6	84.2	85.1	85.3	87.4	88.4	89.8	91.2
GE 1500	65.0	66.7	71.9	74.6	79.8	80.4	82.9	84.3	84.6	86.3	87.2	87.4	89.5	90.5	91.9	93.3
GE 1200	65.3	67.1	72.2	75.1	80.2	80.9	83.4	84.9	85.2	87.3	88.2	88.4	90.5	91.5	92.9	94.3
GE 1000	65.5	67.5	72.7	75.9	81.2	81.9	84.9	86.3	86.7	89.0	89.9	90.1	92.4	93.4	94.8	96.2
GE 900	65.5	67.5	72.7	75.9	81.2	81.9	84.9	86.3	86.7	89.0	89.9	90.1	92.5	93.5	94.9	96.3
GE 800	65.5	67.5	72.7	75.9	81.3	82.0	85.0	86.4	86.8	89.1	90.0	90.2	92.7	93.7	95.0	96.4
GE 700	65.5	67.5	72.7	75.9	81.3	82.0	85.1	86.5	86.9	89.2	90.1	90.3	92.8	93.8	95.1	96.6
GE 600	65.5	67.6	72.9	76.0	81.5	82.2	85.3	86.9	87.2	89.5	90.5	90.8	93.4	94.4	95.8	97.2
GE 500	65.5	67.6	72.9	76.1	81.6	82.4	85.5	87.4	87.8	90.1	91.2	91.4	94.2	95.2	96.6	98.0
GE 400	65.7	67.9	73.1	76.3	81.9	82.6	85.8	87.7	88.0	90.3	91.7	91.9	94.9	95.9	97.2	98.7
GE 300	65.7	67.9	73.1	76.3	81.9	82.6	85.8	87.7	88.0	90.3	91.8	92.0	95.2	96.2	97.6	99.0
GE 200	65.7	67.9	73.1	76.3	81.9	82.6	85.8	87.7	88.0	90.3	91.8	92.0	95.2	96.2	97.6	99.4
GE 100	65.7	67.9	73.1	76.3	81.9	82.6	85.8	87.7	88.0	90.3	91.8	92.0	95.2	96.2	97.6	99.8
GE 000	65.7	67.9	73.1	76.3	81.9	82.6	85.8	87.7	88.0	90.3	91.9	92.1	95.3	96.3	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.7	56.1	57.8	60.2	63.5	63.7	65.2	65.8	66.0	67.4	67.6	67.6	68.8	69.3	70.0	70.5
GE 20000	54.5	56.9	58.7	61.1	64.4	64.6	66.1	66.7	66.9	68.3	68.6	68.6	69.7	70.2	71.0	71.5
GE 18000	55.1	57.5	59.3	61.7	64.9	65.2	66.6	67.3	67.4	68.9	69.1	69.1	70.2	70.8	71.6	72.1
GE 16000	55.1	57.5	59.3	61.7	64.9	65.2	66.6	67.3	67.4	68.9	69.1	69.1	70.2	70.8	71.6	72.1
GE 14000	56.2	58.7	60.5	62.9	66.4	66.6	68.1	68.8	68.9	70.4	70.6	70.6	71.7	72.3	73.1	73.5
GE 12000	56.9	59.4	61.2	63.6	67.1	67.3	68.8	69.5	69.6	71.0	71.3	71.3	72.4	73.0	73.8	74.2
GE 10000	57.8	60.3	62.1	64.5	68.0	68.2	69.7	70.5	70.6	72.1	72.4	72.4	73.5	74.1	74.9	75.3
GE 9000	59.3	61.8	63.7	66.1	69.6	69.8	71.3	72.1	72.2	73.6	74.0	74.0	75.1	75.7	76.5	76.9
GE 8000	60.9	63.3	65.6	68.0	71.6	71.8	73.4	74.2	74.3	76.0	76.4	76.4	77.7	78.3	79.1	79.5
GE 7000	62.3	64.9	67.2	69.6	73.2	73.4	75.0	75.8	75.9	77.6	77.9	77.9	79.3	79.9	80.7	81.1
GE 6000	63.3	66.0	68.3	70.7	74.4	74.7	76.2	77.1	77.3	79.0	79.3	79.3	80.7	81.3	82.4	82.8
GE 5000	64.3	67.0	69.3	71.7	75.5	75.7	77.4	78.4	78.5	80.5	80.9	80.9	82.2	82.9	83.9	84.4
GE 4500	64.5	67.4	69.8	72.2	76.1	76.4	78.1	79.1	79.2	81.2	81.6	81.6	82.9	83.6	84.6	85.1
GE 4000	65.5	68.4	70.9	73.3	77.4	77.6	79.4	80.5	80.7	82.7	83.0	83.0	84.4	85.1	86.1	86.5
GE 3500	66.0	68.9	71.4	73.8	77.8	78.2	80.0	81.1	81.2	83.3	83.6	83.6	85.0	85.6	86.7	87.1
GE 3000	66.4	69.6	72.1	74.4	78.5	78.8	80.8	81.9	82.0	84.0	84.4	84.4	85.7	86.4	87.4	87.9
GE 2500	66.9	70.0	72.9	75.2	79.3	79.6	81.6	82.8	82.9	85.0	85.3	85.3	86.7	87.3	88.3	88.8
GE 2000	67.4	70.6	73.9	76.4	80.9	81.4	83.4	84.6	84.7	86.8	87.3	87.3	88.9	89.8	90.8	91.3
GE 1800	67.4	70.6	73.9	76.4	80.9	81.6	83.5	84.7	84.8	86.9	87.4	87.4	89.0	89.9	91.0	91.4
GE 1500	67.9	71.2	74.5	77.0	81.7	82.4	84.5	85.9	86.1	88.1	88.7	88.7	90.3	91.2	92.2	92.6
GE 1200	68.4	71.7	75.1	77.6	82.2	82.9	85.2	86.8	87.0	89.0	89.6	89.6	91.4	92.3	93.3	93.8
GE 1000	69.6	73.1	76.7	79.3	84.2	84.8	87.3	88.9	89.1	91.3	92.0	92.0	93.8	94.7	95.7	96.2
GE 900	69.6	73.1	76.7	79.3	84.2	84.8	87.3	88.9	89.1	91.3	92.0	92.0	93.8	94.7	95.7	96.2
GE 800	69.6	73.1	76.7	79.3	84.2	84.8	87.3	88.9	89.1	91.3	92.0	92.0	93.8	94.7	95.7	96.2
GE 700	69.7	73.2	76.8	79.4	84.3	85.0	87.4	89.0	89.3	91.4	92.1	92.1	93.9	94.8	95.8	96.3
GE 600	69.7	73.3	76.9	79.6	84.6	85.3	88.1	89.7	89.9	92.1	92.8	92.8	94.7	95.6	96.6	97.1
GE 500	69.7	73.3	76.9	79.6	84.6	85.3	88.2	89.9	90.2	92.3	93.4	93.4	95.6	96.5	97.6	98.1
GE 400	69.7	73.3	76.9	79.6	84.6	85.3	88.2	90.0	90.3	92.4	93.8	93.8	96.2	97.2	98.3	98.8
GE 300	69.7	73.3	76.9	79.6	84.6	85.3	88.2	90.2	90.4	92.5	93.9	93.9	96.4	97.4	98.5	99.1
GE 200	69.7	73.3	76.9	79.6	84.6	85.3	88.2	90.2	90.4	92.5	93.9	93.9	96.4	97.7	98.9	99.7
GE 100	69.7	73.3	76.9	79.6	84.6	85.3	88.2	90.2	90.4	92.5	93.9	93.9	96.4	97.7	98.9	100.0
GE 000	69.7	73.3	76.9	79.6	84.6	85.3	88.2	90.2	90.4	92.5	93.9	93.9	96.4	97.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 884

D - 2 - 25

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.7	58.0	60.4	61.9	65.1	65.1	66.8	67.6	67.6	68.7	69.2	69.2	70.3	71.8	72.0	72.5
GE 20000	57.6	58.9	61.3	62.8	66.0	66.0	67.7	68.7	68.7	69.9	70.4	70.4	71.6	73.1	73.3	73.7
GE 18000	58.4	59.7	62.1	63.6	66.8	66.8	68.5	69.5	69.5	70.7	71.2	71.2	72.4	73.9	74.1	74.5
GE 16000	58.6	59.8	62.2	63.7	66.9	66.9	68.6	69.6	69.6	70.8	71.3	71.3	72.5	74.0	74.2	74.7
GE 14000	59.4	60.6	63.2	64.7	67.9	67.9	69.6	70.7	70.7	71.8	72.4	72.4	73.5	75.0	75.2	75.7
GE 12000	59.7	61.0	63.6	65.1	68.3	68.3	70.0	71.0	71.0	72.1	72.7	72.7	73.9	75.3	75.6	76.0
GE 10000	61.0	62.2	64.8	66.3	69.5	69.5	71.2	72.3	72.3	73.4	74.0	74.0	75.1	76.6	76.8	77.3
GE 9000	62.2	63.5	66.3	67.8	71.0	71.0	72.7	73.7	73.7	74.9	75.5	75.5	76.6	78.1	78.3	78.8
GE 8000	63.4	64.6	67.5	68.9	72.4	72.4	74.2	75.2	75.2	76.4	76.9	76.9	78.1	79.6	79.8	80.3
GE 7000	64.8	66.1	69.1	70.5	74.0	74.0	75.8	76.8	76.8	78.0	78.5	78.5	79.7	81.2	81.4	81.8
GE 6000	65.6	67.0	70.0	71.6	75.0	75.0	76.8	77.9	77.9	79.0	79.6	79.6	80.8	82.3	82.5	83.0
GE 5000	67.2	68.7	71.7	73.4	76.9	76.9	79.1	80.1	80.1	81.4	82.0	82.0	83.2	84.7	84.9	85.4
GE 4500	67.4	68.8	71.8	73.5	77.1	77.1	79.2	80.3	80.3	81.5	82.1	82.1	83.3	84.8	85.0	85.5
GE 4000	68.0	69.5	72.5	74.2	77.7	77.7	79.9	80.9	80.9	82.2	82.8	82.8	84.0	85.5	85.7	86.2
GE 3500	68.8	70.3	73.3	75.0	78.5	78.5	80.7	81.7	81.7	83.0	83.6	83.6	84.8	86.3	86.5	87.0
GE 3000	69.5	71.1	74.4	76.1	79.7	79.7	81.8	82.9	82.9	84.1	84.7	84.7	86.0	87.4	87.7	88.1
GE 2500	70.3	71.9	75.7	77.4	81.1	81.1	83.2	84.2	84.2	85.5	86.1	86.1	87.3	88.8	89.0	89.5
GE 2000	71.5	73.2	77.3	79.1	83.0	83.0	85.2	86.4	86.4	88.0	88.6	88.6	89.8	91.3	91.7	92.1
GE 1800	71.6	73.3	77.4	79.2	83.1	83.1	85.3	86.8	86.8	88.4	88.9	88.9	90.2	91.7	92.0	92.5
GE 1500	72.7	74.4	78.5	80.4	84.4	84.5	86.6	88.1	88.2	90.0	90.5	90.5	91.8	93.3	93.6	94.1
GE 1200	73.2	74.9	79.0	80.8	85.0	85.2	87.6	89.0	89.2	90.9	91.4	91.4	92.7	94.2	94.5	95.0
GE 1000	74.4	76.3	80.4	82.3	86.8	86.9	89.4	91.0	91.1	92.8	93.4	93.4	94.6	96.1	96.5	96.9
GE 900	74.4	76.3	80.4	82.3	86.8	86.9	89.4	91.1	91.2	92.9	93.5	93.5	94.7	96.2	96.6	97.0
GE 800	74.8	76.8	80.9	82.9	87.4	87.6	90.1	91.8	91.9	93.6	94.2	94.2	95.4	97.0	97.4	97.8
GE 700	75.1	77.2	81.4	83.3	87.9	88.0	90.5	92.2	92.4	94.1	94.6	94.6	95.9	97.5	97.8	98.3
GE 600	75.3	77.5	81.8	83.8	88.4	88.5	91.0	92.7	92.8	94.5	95.1	95.1	96.6	98.2	98.5	99.0
GE 500	75.3	77.5	81.8	83.8	88.7	88.8	91.3	93.0	93.2	95.0	95.8	95.8	97.4	99.0	99.3	99.8
GE 400	75.3	77.5	81.8	83.8	88.7	88.8	91.3	93.0	93.2	95.0	95.8	95.8	97.4	99.0	99.3	99.8
GE 300	75.3	77.5	81.8	83.8	88.7	88.8	91.3	93.0	93.2	95.1	95.9	95.9	97.5	99.2	99.5	100.0
GE 200	75.3	77.5	81.8	83.8	88.7	88.8	91.3	93.0	93.2	95.1	95.9	95.9	97.5	99.2	99.5	100.0
GE 100	75.3	77.5	81.8	83.8	88.7	88.8	91.3	93.0	93.2	95.1	95.9	95.9	97.5	99.2	99.5	100.0
GE 000	75.3	77.5	81.8	83.8	88.7	88.8	91.3	93.0	93.2	95.1	95.9	95.9	97.5	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 876

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.9	54.3	57.3	59.4	62.7	62.9	64.6	66.0	66.1	67.5	68.3	68.5	70.1	70.9	71.8	72.6
GE 20000	53.4	54.9	58.0	60.1	63.5	63.7	65.4	66.8	66.9	68.4	69.2	69.3	70.9	71.8	72.7	73.5
GE 18000	53.8	55.3	58.4	60.5	63.9	64.1	65.8	67.2	67.3	68.8	69.6	69.7	71.3	72.1	73.1	73.8
GE 16000	53.9	55.4	58.4	60.5	63.9	64.1	65.9	67.2	67.3	68.8	69.6	69.8	71.4	72.2	73.1	73.9
GE 14000	54.5	56.0	59.1	61.2	64.6	64.8	66.6	67.9	68.0	69.5	70.3	70.5	72.1	72.9	73.8	74.6
GE 12000	54.9	56.4	59.5	61.6	65.0	65.2	67.0	68.3	68.4	69.9	70.7	70.9	72.5	73.3	74.2	75.0
GE 10000	55.9	57.5	60.7	62.8	66.3	66.5	68.3	69.6	69.8	71.3	72.1	72.2	73.8	74.7	75.6	76.4
GE 9000	56.7	58.3	61.6	63.8	67.3	67.5	69.3	70.7	70.8	72.3	73.1	73.3	74.9	75.7	76.7	77.4
GE 8000	58.1	59.7	63.2	65.5	69.1	69.4	71.2	72.7	72.9	74.5	75.3	75.5	77.1	78.0	79.0	79.7
GE 7000	59.2	60.9	64.5	66.8	70.4	70.7	72.6	74.1	74.2	75.8	76.7	76.8	78.5	79.3	80.3	81.1
GE 6000	60.0	61.7	65.4	67.8	71.5	71.8	73.7	75.2	75.3	77.0	77.8	78.0	79.7	80.5	81.5	82.3
GE 5000	60.6	62.5	66.4	68.8	72.5	72.8	74.8	76.4	76.5	78.3	79.1	79.3	81.0	81.8	82.8	83.6
GE 4500	60.9	62.7	66.7	69.0	72.8	73.1	75.2	76.7	76.8	78.6	79.5	79.6	81.3	82.1	83.2	83.9
GE 4000	61.5	63.4	67.4	69.8	73.7	74.0	76.1	77.6	77.8	79.5	80.4	80.5	82.2	83.1	84.1	84.9
GE 3500	61.9	63.8	67.9	70.3	74.2	74.5	76.6	78.2	78.3	80.1	80.9	81.1	82.8	83.6	84.6	85.4
GE 3000	62.7	64.8	69.1	71.7	75.7	76.0	78.2	79.8	79.9	81.7	82.6	82.7	84.4	85.3	86.3	87.1
GE 2500	63.2	65.3	69.7	72.4	76.6	76.9	79.1	80.7	80.9	82.6	83.5	83.7	85.4	86.2	87.3	88.0
GE 2000	64.2	66.5	71.2	74.1	78.6	78.9	81.2	82.8	83.0	84.8	85.7	85.9	87.7	88.6	89.6	90.4
GE 1800	64.4	66.8	71.6	74.5	79.0	79.4	81.6	83.3	83.5	85.3	86.2	86.4	88.2	89.1	90.1	91.0
GE 1500	65.0	67.5	72.4	75.5	80.2	80.6	83.2	85.0	85.2	87.1	88.1	88.2	90.0	90.9	92.0	92.8
GE 1200	65.4	67.9	72.9	76.0	80.9	81.4	84.0	85.9	86.1	88.1	89.1	89.2	91.0	91.9	93.0	93.8
GE 1000	66.3	68.9	74.1	77.4	82.5	83.0	85.9	87.8	88.0	90.1	91.1	91.2	93.2	94.1	95.2	96.0
GE 900	66.3	69.0	74.1	77.4	82.6	83.0	85.9	87.9	88.1	90.2	91.2	91.3	93.3	94.2	95.3	96.1
GE 800	66.4	69.1	74.3	77.6	82.8	83.3	86.2	88.2	88.5	90.6	91.6	91.7	93.7	94.6	95.7	96.6
GE 700	66.6	69.3	74.6	77.9	83.1	83.6	86.6	88.6	88.8	90.9	91.9	92.1	94.1	95.0	96.1	96.9
GE 600	66.9	69.7	75.0	78.3	83.6	84.1	87.2	89.3	89.5	91.7	92.7	92.9	95.0	96.0	97.1	98.0
GE 500	67.1	69.9	75.2	78.6	83.9	84.4	87.5	89.7	90.0	92.2	93.4	93.6	95.8	96.8	98.0	98.8
GE 400	67.3	70.0	75.4	78.7	84.1	84.6	87.7	89.9	90.1	92.4	93.7	93.8	96.1	97.2	98.3	99.2
GE 300	67.3	70.1	75.4	78.8	84.2	84.6	87.8	90.0	90.3	92.5	93.9	94.0	96.4	97.5	98.6	99.5
GE 200	67.5	70.1	75.4	78.8	84.2	84.7	87.8	90.0	90.3	92.6	93.9	94.1	96.4	97.6	98.8	99.8
GE 100	67.3	70.1	75.4	78.8	84.2	84.7	87.8	90.1	90.3	92.6	93.9	94.1	96.5	97.6	98.8	100.0
GE 000	67.3	70.1	75.4	78.8	84.2	84.7	87.8	90.1	90.3	92.6	93.9	94.1	96.5	97.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7105

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.9	49.2	51.5	53.3	54.7	54.8	55.9	56.4	56.4	58.0	58.5	58.5	59.8	59.8	59.8	60.2
GE 20000	48.3	49.6	52.2	54.0	55.6	55.7	56.7	57.3	57.3	59.0	59.5	59.5	60.8	60.8	60.8	61.1
GE 18000	48.3	49.6	52.2	54.0	55.6	55.7	56.7	57.3	57.3	59.0	59.5	59.5	60.8	60.8	60.8	61.1
GE 16000	48.3	49.6	52.2	54.0	55.6	55.7	56.7	57.3	57.3	59.0	59.5	59.5	60.8	60.8	60.8	61.1
GE 14000	49.4	50.7	53.3	55.2	56.7	56.9	57.9	58.5	58.5	60.2	60.6	60.6	61.9	61.9	61.9	62.3
GE 12000	49.8	51.1	53.8	55.7	57.3	57.4	58.5	59.1	59.1	60.8	61.2	61.2	62.5	62.5	62.5	62.9
GE 10000	51.1	52.4	55.3	57.2	58.9	59.0	60.0	60.6	60.6	62.4	62.9	62.9	64.2	64.2	64.2	64.5
GE 9000	51.8	53.1	56.1	58.0	59.7	59.8	60.9	61.5	61.5	63.2	63.7	63.7	65.0	65.0	65.0	65.4
GE 8000	53.5	54.8	57.9	59.8	61.5	61.6	62.6	63.2	63.2	65.0	65.5	65.5	66.8	66.8	66.8	67.1
GE 7000	54.0	55.3	58.4	60.3	61.9	62.1	63.1	63.7	63.7	65.5	66.0	66.0	67.3	67.3	67.3	67.6
GE 6000	55.0	56.3	59.7	61.7	63.4	63.5	64.5	65.1	65.1	66.9	67.4	67.4	68.7	68.7	68.7	69.0
GE 5000	57.4	59.1	62.6	64.7	66.3	66.4	67.5	68.1	68.1	69.9	70.3	70.3	71.6	71.6	71.6	72.0
GE 4500	57.4	59.1	62.6	64.7	66.3	66.4	67.5	68.1	68.1	69.9	70.3	70.3	71.6	71.6	71.6	72.0
GE 4000	59.5	61.2	64.9	66.9	68.6	68.7	69.7	70.3	70.3	72.1	72.6	72.6	73.9	73.9	73.9	74.2
GE 3500	59.9	61.8	65.5	67.5	69.1	69.3	70.3	70.9	70.9	72.7	73.2	73.2	74.5	74.5	74.5	74.8
GE 3000	61.5	63.8	67.5	69.5	71.2	71.3	72.6	73.3	73.3	75.1	75.5	75.5	76.8	76.8	76.8	77.2
GE 2500	63.4	66.0	70.0	72.0	73.6	73.8	75.2	75.9	75.9	77.7	78.1	78.1	79.4	79.4	79.4	79.8
GE 2000	65.2	68.3	73.0	75.1	76.8	77.0	78.5	79.2	79.2	81.0	81.4	81.4	82.7	82.7	82.7	83.1
GE 1800	65.6	68.7	73.4	75.5	77.3	77.4	79.2	79.9	79.9	81.7	82.2	82.2	83.5	83.5	83.5	83.8
GE 1500	66.8	69.9	74.9	77.2	79.1	79.2	81.1	81.8	81.8	83.6	84.0	84.0	85.3	85.3	85.3	85.7
GE 1200	68.2	71.3	76.4	78.6	80.7	80.9	82.7	83.6	83.6	85.3	86.1	86.1	87.4	87.4	87.4	87.7
GE 1000	70.1	73.3	78.5	81.1	84.0	84.3	86.2	87.0	87.0	89.1	90.0	90.0	91.3	91.3	91.3	91.6
GE 900	70.1	73.3	78.5	81.1	84.0	84.3	86.2	87.5	87.5	89.6	90.4	90.4	91.7	91.7	91.7	92.1
GE 800	71.0	74.2	79.4	82.4	85.3	85.6	87.6	88.9	88.9	91.3	92.1	92.1	93.4	93.4	93.4	93.7
GE 700	71.6	74.8	80.1	83.1	86.1	86.3	88.3	89.6	89.6	92.0	92.8	92.8	94.1	94.1	94.1	94.4
GE 600	71.9	75.1	80.5	83.5	86.4	86.6	88.7	90.0	90.0	92.3	93.1	93.1	94.4	94.4	94.4	94.8
GE 500	72.1	75.3	81.0	83.9	86.9	87.1	89.1	90.4	90.4	92.8	93.7	93.7	95.3	95.3	95.5	96.0
GE 400	72.2	75.4	81.3	84.3	87.5	87.7	89.7	91.0	91.0	93.6	94.8	94.8	96.3	96.3	96.6	97.0
GE 300	72.2	75.4	81.4	84.4	87.6	87.8	90.1	91.7	91.8	94.6	95.7	95.7	97.3	97.8	98.0	98.5
GE 200	72.2	75.4	81.4	84.4	87.6	87.8	90.1	91.7	91.8	94.7	96.0	96.0	97.5	98.2	99.3	100.0
GE 100	72.2	75.4	81.4	84.4	87.6	87.8	90.1	91.7	91.8	94.7	96.0	96.0	97.5	98.2	99.3	100.0
GE 000	72.2	75.4	81.4	84.4	87.6	87.8	90.1	91.7	91.8	94.7	96.0	96.0	97.5	98.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 846

D - 2 - 28

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.1	40.7	43.7	45.9	48.5	48.5	49.4	50.1	50.3	52.2	53.0	53.0	53.7	54.2	54.5	54.5
GE 20000	39.6	41.2	44.2	46.4	49.1	49.1	49.9	50.8	51.0	53.0	53.8	53.8	54.6	55.2	55.4	55.4
GE 18000	39.7	41.3	44.4	46.6	49.2	49.2	50.1	50.9	51.1	53.1	53.9	53.9	54.7	55.3	55.5	55.5
GE 16000	39.8	41.4	44.5	46.7	49.4	49.4	50.2	51.0	51.2	53.2	54.0	54.0	54.8	55.4	55.6	55.6
GE 14000	40.5	42.1	45.2	47.4	50.2	50.2	51.0	51.8	52.0	54.0	54.8	54.8	55.6	56.2	56.5	56.5
GE 12000	41.8	43.4	46.4	48.7	51.5	51.5	52.3	53.1	53.3	55.3	56.1	56.1	56.9	57.5	57.7	57.7
GE 10000	43.4	45.3	48.3	50.8	53.6	53.6	54.4	55.3	55.5	57.5	58.4	58.4	59.3	59.8	60.2	60.2
GE 9000	44.4	46.2	49.2	51.7	54.5	54.5	55.3	56.2	56.5	58.4	59.4	59.4	60.2	60.8	61.1	61.1
GE 8000	46.3	48.2	51.2	53.7	56.5	56.5	57.3	58.2	58.4	60.4	61.4	61.4	62.2	62.7	63.1	63.1
GE 7000	47.5	49.4	52.4	54.8	57.6	57.6	58.4	59.4	59.6	61.6	62.5	62.5	63.3	63.9	64.3	64.3
GE 6000	49.0	50.9	54.0	56.5	59.3	59.3	60.1	61.0	61.2	63.2	64.1	64.1	65.0	65.5	65.9	65.9
GE 5000	50.3	52.7	56.2	58.7	61.5	61.5	62.3	63.2	63.4	65.4	66.4	66.4	67.2	67.8	68.1	68.1
GE 4500	50.4	52.9	56.3	58.8	61.6	61.6	62.4	63.3	63.6	65.5	66.5	66.5	67.3	67.9	68.2	68.2
GE 4000	51.3	53.9	57.9	60.4	63.2	63.2	64.0	65.0	65.2	67.2	68.1	68.1	68.9	69.5	69.8	69.8
GE 3500	51.8	54.6	58.9	61.6	64.7	64.7	65.5	66.5	66.7	68.7	69.6	69.6	70.4	71.0	71.4	71.4
GE 3000	54.1	57.2	61.7	64.4	67.8	67.8	68.6	69.5	69.7	71.7	72.6	72.6	73.5	74.0	74.4	74.4
GE 2500	55.3	58.4	63.0	65.7	69.0	69.0	70.0	70.9	71.1	73.1	74.0	74.0	74.9	75.4	75.8	75.8
GE 2000	57.4	60.8	65.4	68.5	71.9	72.1	73.3	74.3	74.5	76.6	77.5	77.5	78.3	78.9	79.3	79.3
GE 1800	57.4	60.8	65.4	68.5	71.9	72.1	73.3	74.4	74.6	76.7	77.6	77.6	78.5	79.0	79.4	79.4
GE 1500	58.8	62.4	67.8	71.1	74.9	75.0	76.3	77.3	77.5	79.6	80.6	80.6	81.4	82.0	82.3	82.3
GE 1200	60.0	63.7	69.4	72.9	76.8	77.1	78.3	79.5	79.9	82.1	83.0	83.0	83.8	84.4	84.7	84.7
GE 1000	61.9	65.9	72.4	76.0	80.6	80.8	82.7	83.8	84.2	86.6	87.5	87.5	88.5	89.1	89.5	89.5
GE 900	62.3	66.2	72.9	76.5	81.0	81.3	83.1	84.5	84.9	87.3	88.2	88.2	89.2	89.8	90.2	90.2
GE 800	63.2	67.3	74.0	77.6	82.3	82.5	84.6	86.1	86.5	88.9	90.1	90.1	91.2	91.7	92.2	92.2
GE 700	63.6	67.6	74.5	78.1	82.8	83.0	85.2	86.8	87.3	89.9	91.4	91.4	92.5	93.1	93.6	93.6
GE 600	63.8	67.9	74.9	78.6	83.2	83.5	85.7	87.3	87.9	90.5	92.0	92.0	93.1	93.7	94.2	94.2
GE 500	64.0	68.1	75.1	78.8	83.6	83.8	86.1	87.8	88.4	90.9	92.4	92.4	94.2	95.0	95.7	95.7
GE 400	64.0	68.1	75.2	78.9	84.1	84.3	86.8	88.5	89.2	91.9	93.5	93.5	95.2	96.0	96.7	96.7
GE 300	64.1	68.2	75.3	79.0	84.5	84.7	87.5	89.3	90.0	92.7	94.3	94.3	96.0	97.1	97.9	97.9
GE 200	64.1	68.2	75.3	79.0	84.5	84.7	87.5	89.3	90.0	93.0	94.9	94.9	97.0	98.0	99.4	100.0
GE 100	64.1	68.2	75.3	79.0	84.5	84.7	87.5	89.3	90.0	93.0	94.9	94.9	97.0	98.0	99.4	100.0
GE 000	64.1	68.2	75.3	79.0	84.5	84.7	87.5	89.3	90.0	93.0	94.9	94.9	97.0	98.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 859

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.8	39.1	42.1	44.5	47.5	47.7	48.7	49.5	49.8	51.6	52.2	52.2	53.2	53.3	54.1	54.3
GE 20000	39.2	40.6	43.5	46.0	49.0	49.2	50.2	51.0	51.3	53.1	53.7	53.7	55.0	55.2	56.0	56.1
GE 18000	39.4	40.8	43.9	46.3	49.3	49.5	50.6	51.4	51.6	53.5	54.0	54.0	55.3	55.5	56.3	56.5
GE 16000	39.4	40.8	43.9	46.3	49.3	49.5	50.6	51.4	51.6	53.5	54.0	54.0	55.3	55.5	56.3	56.5
GE 14000	39.9	41.2	44.4	46.8	49.8	50.0	51.0	51.8	52.1	53.9	54.5	54.5	55.8	56.0	56.8	56.9
GE 12000	40.2	41.6	44.7	47.1	50.1	50.3	51.4	52.2	52.4	54.3	54.8	54.8	56.1	56.3	57.1	57.3
GE 10000	41.1	42.5	45.6	48.3	51.4	51.7	52.9	53.8	54.0	55.9	56.7	56.7	57.9	58.2	59.0	59.1
GE 9000	41.7	43.1	46.2	48.8	52.0	52.3	53.5	54.4	54.6	56.5	57.3	57.3	58.5	58.8	59.6	59.7
GE 8000	44.9	46.3	49.8	52.4	55.5	55.9	57.0	57.9	58.2	60.0	60.8	60.8	62.1	62.3	63.1	63.2
GE 7000	45.4	46.8	50.2	53.0	56.2	56.6	57.7	58.6	58.9	60.7	61.5	61.5	62.8	63.0	63.8	63.9
GE 6000	46.8	48.2	51.7	54.5	57.7	58.1	59.3	60.3	60.5	62.3	63.4	63.4	64.6	64.9	65.7	65.8
GE 5000	48.4	49.8	53.6	56.3	59.7	60.0	61.3	62.4	62.7	64.5	65.6	65.6	66.8	67.1	67.9	68.0
GE 4500	48.5	49.9	53.8	56.6	59.9	60.3	61.5	62.7	62.9	64.7	65.8	65.8	67.1	67.3	68.1	68.2
GE 4000	50.0	51.4	55.3	58.3	61.8	62.1	63.4	64.5	64.9	66.7	67.7	67.7	69.0	69.2	70.0	70.2
GE 3500	50.5	51.8	56.1	59.4	63.1	63.5	64.9	66.0	66.4	68.2	69.2	69.2	70.5	70.7	71.5	71.7
GE 3000	51.0	52.6	57.4	60.9	64.7	65.1	66.7	68.1	68.4	70.4	71.4	71.4	72.7	72.9	73.7	73.8
GE 2500	51.5	53.2	58.1	61.8	65.6	65.9	67.7	69.1	69.5	71.4	72.5	72.5	73.7	74.0	74.8	74.9
GE 2000	52.2	54.1	59.2	62.9	67.2	67.5	69.8	71.2	71.7	73.7	74.8	74.8	76.0	76.4	77.4	77.5
GE 1800	52.3	54.3	59.6	63.2	67.5	67.9	70.3	71.7	72.1	74.2	75.2	75.2	76.6	77.0	78.0	78.1
GE 1500	53.1	55.4	61.4	65.3	69.8	70.3	72.9	74.7	75.1	77.4	78.5	78.5	80.2	80.5	81.6	81.7
GE 1200	54.8	57.1	63.4	67.4	71.9	72.4	75.1	76.8	77.4	79.8	81.0	81.0	82.7	83.1	84.2	84.3
GE 1000	56.3	58.9	65.7	70.0	75.1	75.6	78.7	80.8	81.3	83.9	85.0	85.0	87.0	87.3	88.5	88.6
GE 900	56.5	59.0	65.8	70.3	75.5	75.9	79.0	81.1	81.7	84.2	85.4	85.4	87.3	87.7	88.8	88.9
GE 800	56.6	59.1	66.0	71.0	76.3	76.7	80.1	82.3	82.8	85.5	86.8	86.8	88.7	89.1	90.2	90.3
GE 700	56.6	59.1	66.2	71.5	77.1	77.8	81.3	83.5	84.1	86.9	88.2	88.2	90.2	90.6	91.7	91.8
GE 600	56.8	59.3	66.7	72.0	77.6	78.3	81.9	84.1	84.7	87.4	89.1	89.1	91.0	91.4	92.5	92.7
GE 500	56.9	59.4	66.8	72.2	78.1	78.8	82.9	85.1	85.7	88.8	90.7	90.7	92.7	93.4	94.6	94.8
GE 400	56.9	59.4	66.8	72.2	78.2	79.0	83.4	85.9	86.5	89.6	91.8	91.8	93.9	94.6	95.9	96.1
GE 300	56.9	59.4	66.8	72.2	78.5	79.3	84.1	86.6	87.2	90.3	92.6	92.6	94.8	95.6	97.4	97.6
GE 200	56.9	59.4	66.8	72.2	78.5	79.3	84.1	86.6	87.2	90.4	92.7	92.7	95.4	96.5	98.7	99.4
GE 100	56.9	59.4	66.8	72.2	78.5	79.3	84.1	86.6	87.2	90.4	92.7	92.7	95.4	96.5	98.7	99.7
GE 000	56.9	59.4	66.8	72.2	78.5	79.3	84.1	86.6	87.2	90.4	92.7	92.7	95.4	96.5	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 868

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 09-11

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.7	42.9	45.9	49.0	52.7	52.9	55.3	56.1	56.1	56.6	57.3	57.5	58.7	59.3	59.9	60.0
GE 20000	42.1	43.2	46.2	49.4	53.3	53.5	55.8	56.6	56.6	57.2	57.9	58.0	59.4	60.0	60.6	60.7
GE 18000	42.4	43.6	46.6	49.7	53.6	53.9	56.2	57.0	57.0	57.6	58.3	58.4	59.8	60.3	60.9	61.0
GE 16000	42.4	43.6	46.6	49.7	53.6	53.9	56.2	57.0	57.0	57.6	58.3	58.4	59.8	60.3	60.9	61.0
GE 14000	43.0	44.2	47.2	50.3	54.3	54.6	56.9	57.7	57.7	58.3	59.0	59.1	60.5	61.0	61.6	61.7
GE 12000	43.8	45.0	48.0	51.1	55.3	55.5	57.9	58.7	58.7	59.3	60.0	60.1	61.5	62.1	62.7	62.8
GE 10000	44.6	45.8	49.0	52.5	56.8	57.0	59.7	60.5	60.5	61.0	61.8	62.0	63.5	64.0	64.6	64.7
GE 9000	44.9	46.0	49.2	52.7	57.0	57.2	59.9	60.7	60.7	61.3	62.1	62.2	63.7	64.3	64.9	65.0
GE 8000	46.5	47.6	50.9	54.3	58.7	59.0	61.6	62.7	62.7	63.2	64.0	64.2	65.8	66.4	66.9	67.1
GE 7000	46.8	48.0	51.2	54.7	59.1	59.3	62.0	63.0	63.0	63.6	64.4	64.5	66.2	66.8	67.4	67.5
GE 6000	47.9	49.0	52.3	55.7	60.1	60.3	63.1	64.2	64.2	64.7	65.5	65.7	67.4	68.0	68.6	68.7
GE 5000	49.1	50.3	53.5	57.0	61.5	61.7	64.7	65.8	65.8	66.4	67.2	67.3	69.0	69.6	70.2	70.3
GE 4500	49.1	50.3	53.5	57.0	61.5	61.7	64.7	65.8	65.8	66.4	67.2	67.3	69.0	69.6	70.2	70.3
GE 4000	50.1	51.2	54.7	58.2	62.7	62.9	65.9	66.9	66.9	67.5	68.3	68.4	70.2	70.8	71.3	71.4
GE 3500	50.4	51.6	55.0	58.5	63.1	63.4	66.7	67.7	67.7	68.3	69.1	69.2	71.0	71.6	72.1	72.3
GE 3000	51.0	52.1	55.8	59.7	64.4	64.6	68.0	69.0	69.0	69.7	70.5	70.6	72.4	72.9	73.5	73.6
GE 2500	51.0	52.3	56.2	60.1	64.9	65.1	68.7	69.7	69.7	70.4	71.2	71.3	73.1	73.6	74.2	74.3
GE 2000	51.8	53.1	57.1	61.4	66.2	66.5	70.2	71.2	71.2	71.9	72.7	72.8	74.6	75.1	75.7	75.8
GE 1800	52.1	53.4	57.5	61.8	66.8	67.1	70.9	71.9	71.9	72.7	73.5	73.6	75.4	76.0	76.5	76.6
GE 1500	53.3	55.1	59.7	64.5	70.1	70.3	74.8	76.0	76.0	76.8	77.6	77.7	79.4	80.0	80.6	80.7
GE 1200	54.1	56.2	61.0	66.1	72.0	72.3	76.8	77.9	77.9	78.7	79.7	79.8	81.5	82.1	82.7	82.8
GE 1000	55.1	57.3	63.0	68.6	75.5	75.7	80.7	82.2	82.3	83.5	84.6	84.7	86.8	87.4	88.0	88.1
GE 900	55.1	57.3	63.0	68.6	75.5	75.7	80.7	82.2	82.3	83.5	84.6	84.7	86.8	87.4	88.0	88.1
GE 800	55.3	57.5	63.4	69.0	76.3	76.6	81.8	83.4	83.5	84.6	85.8	85.9	88.0	88.7	89.2	89.4
GE 700	55.4	57.7	63.8	69.5	77.3	77.8	83.1	84.9	85.0	86.1	87.3	87.4	89.6	90.4	91.0	91.1
GE 600	55.4	57.7	64.2	69.8	77.8	78.3	83.8	85.8	85.9	87.5	88.8	88.9	91.3	92.1	92.7	92.8
GE 500	55.4	58.0	64.5	70.2	78.6	79.1	85.0	86.9	87.1	88.9	90.2	90.3	93.1	94.1	95.0	95.3
GE 400	55.5	58.2	64.6	70.3	78.7	79.2	85.3	87.3	87.4	89.2	90.5	90.6	93.4	94.5	95.4	95.8
GE 300	55.5	58.2	64.6	70.3	78.7	79.2	85.5	87.5	87.7	90.2	91.8	91.9	95.0	96.6	97.9	98.6
GE 200	55.5	58.2	64.7	70.4	79.0	79.4	85.8	87.7	88.0	90.4	92.0	92.1	95.7	97.3	98.6	99.5
GE 100	55.5	58.2	64.7	70.4	79.0	79.4	85.8	87.7	88.0	90.4	92.0	92.1	95.7	97.3	98.6	99.7
GE 000	55.5	58.2	64.7	70.4	79.0	79.4	85.8	87.7	88.0	90.4	92.0	92.1	95.7	97.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 865

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.6	52.2	56.0	58.3	61.6	61.8	63.4	65.0	65.2	66.2	66.7	66.7	67.3	67.7	67.7	67.7
GE 20000	50.2	52.8	56.6	58.9	62.1	62.4	64.0	65.6	65.8	66.7	67.3	67.3	67.9	68.2	68.2	68.2
GE 18000	50.4	53.0	56.8	59.1	62.4	62.6	64.2	65.8	66.1	67.0	67.5	67.5	68.1	68.5	68.5	68.5
GE 16000	50.4	53.0	56.8	59.1	62.4	62.6	64.2	65.8	66.1	67.0	67.5	67.5	68.1	68.5	68.5	68.5
GE 14000	50.9	53.5	57.3	59.6	62.8	63.1	64.7	66.3	66.5	67.4	68.0	68.0	68.6	68.9	68.9	68.9
GE 12000	51.6	54.2	58.0	60.3	63.5	63.8	65.4	67.0	67.2	68.1	68.7	68.7	69.3	69.6	69.6	69.6
GE 10000	52.7	55.4	59.3	61.6	64.8	65.0	66.6	68.2	68.5	69.4	70.0	70.0	70.5	70.9	70.9	70.9
GE 9000	53.2	55.8	59.7	62.0	65.2	65.5	67.1	68.7	68.9	69.9	70.4	70.4	71.0	71.3	71.3	71.3
GE 8000	53.9	56.5	60.4	62.7	65.9	66.2	67.8	69.5	69.7	70.7	71.3	71.3	72.0	72.4	72.4	72.4
GE 7000	54.1	56.7	60.6	62.9	66.2	66.4	68.2	70.0	70.2	71.2	71.9	71.9	72.6	73.0	73.0	73.0
GE 6000	55.4	58.0	61.9	64.2	67.4	67.7	69.5	71.2	71.5	72.5	73.2	73.2	73.9	74.2	74.2	74.2
GE 5000	55.8	58.5	62.5	64.8	68.6	68.8	71.1	72.8	73.1	74.1	74.8	74.8	75.5	75.8	75.8	75.8
GE 4500	56.3	59.0	63.1	65.4	69.2	69.4	71.7	73.4	73.6	74.7	75.4	75.4	76.1	76.4	76.4	76.4
GE 4000	57.5	60.3	64.3	66.7	70.5	70.8	73.1	74.8	75.0	76.1	76.8	76.8	77.4	77.8	77.8	77.8
GE 3500	57.7	60.5	64.6	67.0	70.8	71.0	73.3	75.0	75.3	76.3	77.0	77.0	77.7	78.0	78.0	78.0
GE 3000	58.0	61.0	65.0	67.8	71.7	71.9	74.5	76.2	76.4	77.4	78.1	78.1	78.8	79.2	79.2	79.2
GE 2500	58.1	61.2	65.2	68.1	72.2	72.4	75.5	77.2	77.4	78.5	79.2	79.2	79.9	80.2	80.2	80.2
GE 2000	58.7	62.0	66.4	69.4	73.8	74.0	77.1	79.1	79.3	80.3	81.0	81.0	81.7	82.0	82.0	82.0
GE 1800	58.7	62.0	66.4	69.4	73.8	74.0	77.1	79.1	79.3	80.3	81.0	81.0	81.7	82.0	82.0	82.0
GE 1500	59.5	62.9	67.7	71.0	75.9	76.3	79.7	81.7	81.9	83.1	83.8	83.8	84.5	84.8	84.8	84.8
GE 1200	60.8	64.2	69.3	73.1	78.3	78.6	82.0	84.0	84.2	85.4	86.1	86.1	86.8	87.1	87.1	87.1
GE 1000	61.2	64.7	70.2	74.6	80.0	80.7	84.5	86.4	86.7	88.0	89.1	89.1	89.8	90.1	90.1	90.1
GE 900	61.2	64.7	70.2	74.6	80.0	80.8	84.6	86.5	86.8	88.1	89.2	89.2	89.9	90.2	90.2	90.2
GE 800	61.3	64.9	71.0	75.5	81.0	81.8	85.8	87.8	88.0	89.5	90.7	90.7	91.7	92.1	92.1	92.1
GE 700	61.3	64.9	71.2	75.8	81.6	82.4	86.7	88.6	88.8	90.7	91.8	91.8	92.9	93.2	93.2	93.2
GE 600	61.3	64.9	71.3	75.9	81.9	82.7	87.0	89.0	89.2	91.4	92.6	92.6	93.8	94.1	94.1	94.1
GE 500	61.3	64.9	71.3	76.3	82.4	83.2	87.6	89.8	90.0	92.3	93.8	93.8	95.1	95.4	96.0	96.1
GE 400	61.6	65.1	71.9	77.0	83.1	84.0	88.4	90.6	90.8	93.2	94.7	94.7	96.0	96.3	97.0	97.1
GE 300	61.9	65.5	72.3	77.3	83.4	84.3	88.7	90.9	91.1	93.8	95.6	95.6	97.2	97.6	98.5	98.7
GE 200	61.9	65.5	72.3	77.3	83.4	84.3	88.7	90.9	91.1	94.1	96.0	96.0	97.8	98.3	99.2	99.7
GE 100	61.9	65.5	72.3	77.3	83.4	84.3	88.7	90.9	91.1	94.1	96.0	96.0	97.8	98.3	99.2	99.7
GE 000	61.9	65.5	72.3	77.3	83.4	84.3	88.7	90.9	91.1	94.1	96.0	96.0	97.8	98.3	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 869

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.6	55.4	59.3	60.7	63.4	63.6	64.7	65.6	65.7	66.8	67.4	67.4	67.5	67.5	67.5	67.5
GE 20000	54.6	57.6	61.6	63.0	65.7	66.0	67.0	67.9	68.1	69.1	69.7	69.7	69.8	69.8	69.8	69.8
GE 18000	55.1	58.1	62.0	63.4	66.2	66.4	67.5	68.4	68.5	69.6	70.2	70.2	70.3	70.3	70.3	70.3
GE 16000	55.1	58.1	62.0	63.4	66.2	66.4	67.5	68.4	68.5	69.6	70.2	70.2	70.3	70.3	70.3	70.3
GE 14000	55.7	58.8	62.8	64.2	67.0	67.2	68.3	69.2	69.3	70.4	71.0	71.0	71.1	71.1	71.1	71.1
GE 12000	55.9	58.9	63.1	64.7	67.5	67.7	68.8	69.7	69.8	70.8	71.4	71.4	71.5	71.5	71.5	71.5
GE 10000	57.0	60.0	64.2	65.9	69.0	69.3	70.4	71.3	71.4	72.5	73.1	73.1	73.2	73.2	73.2	73.2
GE 9000	57.1	60.2	64.3	66.0	69.1	69.5	70.5	71.4	71.5	72.6	73.2	73.2	73.3	73.3	73.3	73.3
GE 8000	58.0	61.0	65.2	66.8	69.9	70.3	71.3	72.2	72.4	73.4	74.0	74.0	74.1	74.1	74.1	74.1
GE 7000	58.4	61.4	65.6	67.2	70.4	70.7	71.8	72.7	72.8	73.9	74.4	74.4	74.6	74.6	74.6	74.6
GE 6000	58.9	62.0	66.6	68.2	71.3	71.7	72.8	73.8	73.9	74.9	75.5	75.5	75.6	75.6	75.6	75.6
GE 5000	59.8	63.0	67.5	69.2	72.5	72.8	74.3	75.3	75.4	76.4	77.0	77.0	77.1	77.1	77.1	77.1
GE 4500	59.8	63.0	67.6	69.3	72.6	72.9	74.4	75.4	75.5	76.5	77.1	77.1	77.2	77.2	77.2	77.2
GE 4000	61.2	64.5	69.1	70.8	74.1	74.4	76.0	76.9	77.0	78.0	78.6	78.6	78.7	78.7	78.7	78.7
GE 3500	61.7	64.9	69.6	71.3	74.6	74.9	76.4	77.4	77.5	78.5	79.1	79.1	79.2	79.2	79.2	79.2
GE 3000	62.7	66.1	70.7	72.5	75.7	76.1	77.6	78.5	78.6	79.7	80.3	80.3	80.4	80.4	80.4	80.4
GE 2500	63.0	66.3	71.0	72.7	76.2	76.5	78.2	79.1	79.2	80.3	80.8	80.8	81.0	81.0	81.0	81.0
GE 2000	63.5	67.1	72.0	74.1	77.9	78.3	80.5	81.4	81.8	82.9	83.5	83.5	83.6	83.6	83.6	83.6
GE 1800	63.6	67.2	72.1	74.2	78.2	78.5	80.7	81.6	82.0	83.2	83.7	83.7	83.9	83.9	83.9	83.9
GE 1500	64.6	68.2	73.3	75.5	79.6	80.0	82.7	83.6	84.0	85.4	85.9	85.9	86.1	86.1	86.1	86.1
GE 1200	65.6	69.3	74.9	77.2	81.5	82.0	84.9	85.8	86.2	87.6	88.2	88.2	88.3	88.3	88.3	88.3
GE 1000	66.7	70.6	76.5	78.9	83.6	84.1	87.3	88.3	88.6	90.1	91.2	91.2	91.4	91.4	91.5	91.5
GE 900	66.8	70.7	76.7	79.0	83.7	84.2	87.5	88.4	88.7	90.2	91.3	91.3	91.5	91.5	91.6	91.6
GE 800	67.2	71.2	77.1	79.4	84.3	84.9	88.3	89.2	89.5	91.4	92.7	92.7	93.0	93.0	93.3	93.3
GE 700	67.5	71.4	77.6	80.0	84.9	85.5	89.0	90.0	90.4	92.2	93.5	93.5	93.8	93.8	94.1	94.1
GE 600	67.6	71.5	77.7	80.1	85.0	85.6	89.1	90.1	90.5	92.3	93.8	93.8	94.3	94.3	94.7	94.7
GE 500	67.9	72.0	78.4	81.1	86.5	87.1	90.7	91.8	92.1	94.0	95.5	95.5	96.1	96.1	96.6	97.0
GE 400	68.2	72.2	78.7	81.4	87.1	87.7	91.3	92.3	92.7	94.5	96.1	96.1	96.6	96.6	97.2	97.6
GE 300	68.2	72.2	78.9	81.5	87.5	88.0	92.0	93.0	93.4	95.2	96.7	96.7	97.3	97.3	98.4	99.1
GE 200	68.2	72.2	78.9	81.5	87.5	88.0	92.1	93.3	93.6	95.5	97.0	97.0	97.8	97.9	99.0	99.7
GE 100	68.2	72.2	78.9	81.5	87.5	88.0	92.1	93.3	93.6	95.5	97.0	97.0	97.8	97.9	99.0	99.7
GE 000	68.2	72.2	78.9	81.5	87.5	88.0	92.1	93.3	93.6	95.5	97.0	97.0	97.8	97.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 861

0 - 2 - 33

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.7	54.7	57.8	59.3	60.6	60.9	61.3	61.4	61.6	62.0	62.8	62.8	62.8	62.9	62.9	62.9
GE 20000	54.5	56.5	59.6	61.1	62.5	62.7	63.2	63.3	63.4	63.9	64.7	64.7	64.7	64.8	64.8	64.8
GE 18000	55.2	57.2	60.3	61.8	63.2	63.4	63.9	64.0	64.1	64.6	65.4	65.4	65.4	65.5	65.5	65.5
GE 16000	55.6	57.5	60.6	62.1	63.5	63.8	64.2	64.3	64.4	64.9	65.7	65.7	65.7	65.8	65.8	65.8
GE 14000	56.2	58.1	61.2	62.7	64.1	64.3	64.8	64.9	65.0	65.5	66.3	66.3	66.3	66.4	66.4	66.4
GE 12000	56.5	58.5	61.9	63.4	64.8	65.0	65.5	65.6	65.7	66.2	67.0	67.0	67.0	67.1	67.1	67.1
GE 10000	56.8	58.9	62.6	64.1	66.1	66.3	66.7	66.9	67.0	67.4	68.2	68.2	68.2	68.4	68.4	68.4
GE 9000	57.3	59.4	63.1	64.6	66.5	66.7	67.2	67.3	67.4	67.9	68.7	68.7	68.7	68.8	68.8	68.8
GE 8000	58.7	60.9	64.7	66.3	68.2	68.5	68.9	69.0	69.2	69.6	70.4	70.4	70.4	70.5	70.5	70.5
GE 7000	59.5	61.7	65.5	67.1	69.0	69.3	69.7	69.9	70.0	70.4	71.2	71.2	71.2	71.3	71.3	71.3
GE 6000	60.3	62.6	66.7	68.4	70.4	70.7	71.1	71.3	71.5	71.9	72.7	72.7	72.7	72.8	72.8	72.8
GE 5000	61.6	64.0	68.5	70.1	72.2	72.4	73.0	73.2	73.3	73.8	74.6	74.6	74.6	74.7	74.7	74.7
GE 4500	61.7	64.1	68.6	70.4	72.5	72.7	73.3	73.5	73.6	74.1	74.9	74.9	74.9	75.0	75.0	75.0
GE 4000	62.5	65.0	69.5	71.6	73.8	74.0	74.6	74.8	74.9	75.4	76.2	76.2	76.2	76.3	76.3	76.3
GE 3500	63.1	65.6	70.1	72.2	74.3	74.6	75.4	75.6	75.7	76.2	77.0	77.0	77.0	77.1	77.1	77.1
GE 3000	63.8	66.3	70.8	73.0	75.1	75.4	76.5	76.9	77.0	77.4	78.3	78.3	78.3	78.4	78.4	78.4
GE 2500	64.0	66.6	71.2	73.5	75.8	76.1	77.3	77.7	77.8	78.3	79.1	79.1	79.3	79.4	79.4	79.4
GE 2000	65.0	67.8	72.5	74.9	77.8	78.0	79.7	80.1	80.2	81.0	81.8	81.8	82.0	82.2	82.2	82.2
GE 1800	65.0	67.8	72.5	74.9	77.9	78.1	79.9	80.2	80.3	81.1	81.9	81.9	82.2	82.3	82.3	82.3
GE 1500	66.4	69.3	74.0	76.6	79.9	80.1	82.3	82.9	83.0	83.8	84.6	84.6	84.8	84.9	84.9	84.9
GE 1200	67.3	70.4	75.1	77.9	81.4	82.0	84.5	85.2	85.3	86.1	86.9	86.9	87.1	87.2	87.2	87.2
GE 1000	69.2	72.4	77.9	80.8	85.4	86.3	89.0	89.9	90.0	90.9	91.9	91.9	92.4	92.5	92.5	92.5
GE 900	69.4	72.6	78.1	81.0	85.6	86.7	89.3	90.2	90.3	91.3	92.3	92.3	92.8	92.9	92.9	92.9
GE 800	69.5	72.8	78.6	81.5	86.4	87.7	90.3	91.3	91.4	92.4	93.6	93.6	94.2	94.5	94.6	94.8
GE 700	69.6	73.0	78.9	81.8	86.8	88.0	90.7	91.6	91.7	92.8	93.9	93.9	94.6	94.8	94.9	95.2
GE 600	69.7	73.1	79.1	81.9	86.9	88.1	90.8	91.7	91.8	92.9	94.0	94.0	94.7	94.9	95.1	95.3
GE 500	70.2	73.5	79.9	82.7	87.8	89.1	91.7	92.6	92.8	93.8	94.9	94.9	95.6	95.9	96.1	96.7
GE 400	70.3	73.6	80.1	83.1	88.3	89.5	92.2	93.1	93.2	94.4	95.5	95.5	96.2	96.4	96.7	97.4
GE 300	70.3	73.6	80.3	83.7	89.0	90.2	93.0	93.9	94.0	95.3	96.4	96.4	97.1	97.4	97.8	98.6
GE 200	70.3	73.6	80.4	83.9	89.3	90.6	93.4	94.6	94.7	96.0	97.2	97.2	97.9	98.4	98.8	99.9
GE 100	70.3	73.6	80.4	83.9	89.3	90.6	93.4	94.6	94.7	96.0	97.2	97.2	97.9	98.4	98.8	99.9
GE 000	70.3	73.6	80.4	83.9	89.3	90.6	93.4	94.6	94.7	96.0	97.2	97.2	97.9	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 869

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.8	51.0	53.5	54.4	55.7	55.7	56.9	57.4	57.6	58.1	58.6	58.6	58.7	58.7	58.8	58.8
GE 20000	50.9	52.2	54.9	55.8	57.1	57.1	58.3	58.8	59.0	59.5	60.1	60.1	60.2	60.2	60.3	60.3
GE 18000	51.3	52.6	55.2	56.2	57.4	57.4	58.6	59.2	59.3	59.9	60.5	60.5	60.6	60.6	60.7	60.7
GE 16000	51.4	52.7	55.3	56.3	57.6	57.6	58.7	59.3	59.4	60.0	60.6	60.6	60.7	60.7	60.8	60.8
GE 14000	53.3	54.5	57.2	58.1	59.4	59.4	60.6	61.2	61.3	61.9	62.4	62.4	62.6	62.6	62.7	62.7
GE 12000	53.8	55.1	58.1	59.1	60.3	60.3	61.5	62.1	62.2	62.8	63.4	63.4	63.5	63.5	63.6	63.6
GE 10000	55.3	56.9	60.1	61.0	62.4	62.4	63.6	64.2	64.3	64.9	65.5	65.5	65.6	65.6	65.7	65.7
GE 9000	56.6	58.1	61.7	62.8	64.2	64.2	65.3	65.9	66.0	66.6	67.2	67.2	67.3	67.3	67.4	67.4
GE 8000	58.7	60.2	63.8	65.0	66.4	66.4	67.6	68.1	68.3	68.8	69.4	69.4	69.5	69.5	69.7	69.7
GE 7000	59.7	61.2	64.8	65.9	67.3	67.3	68.5	69.1	69.2	69.8	70.3	70.3	70.5	70.5	70.6	70.6
GE 6000	60.6	62.2	65.8	67.1	68.5	68.5	69.8	70.5	70.6	71.2	71.7	71.7	71.9	71.9	72.0	72.0
GE 5000	61.5	63.3	67.3	68.6	70.1	70.1	71.4	72.1	72.2	72.8	73.4	73.4	73.5	73.5	73.6	73.6
GE 4500	61.6	63.4	67.4	68.7	70.2	70.2	71.5	72.2	72.3	72.9	73.5	73.5	73.6	73.6	73.7	73.7
GE 4000	62.7	64.7	68.7	70.0	71.5	71.5	72.8	73.5	73.6	74.2	74.8	74.8	74.9	74.9	75.0	75.0
GE 3500	63.3	65.2	69.3	70.6	72.1	72.1	73.5	74.2	74.3	74.9	75.5	75.5	75.6	75.6	75.7	75.7
GE 3000	64.7	66.7	70.8	72.7	74.2	74.2	75.9	76.7	76.9	77.4	78.0	78.0	78.1	78.1	78.3	78.3
GE 2500	65.5	67.6	71.6	73.5	75.1	75.1	76.9	77.7	77.8	78.4	79.0	79.0	79.1	79.1	79.2	79.2
GE 2000	66.2	68.4	72.6	75.0	76.6	76.6	78.5	79.3	79.4	80.1	80.7	80.7	80.8	80.8	80.9	80.9
GE 1800	66.2	68.4	72.6	75.0	77.0	77.0	78.8	79.7	79.8	80.5	81.0	81.0	81.2	81.2	81.3	81.3
GE 1500	67.1	69.4	74.3	76.9	79.5	79.7	81.9	82.7	82.8	83.5	84.1	84.1	84.2	84.2	84.3	84.3
GE 1200	67.7	70.2	75.2	77.9	80.7	80.8	83.1	84.0	84.1	84.9	85.6	85.6	85.8	85.8	85.9	85.9
GE 1000	69.4	72.0	77.6	80.9	84.7	84.8	87.4	88.3	88.4	89.5	90.3	90.3	90.8	90.8	90.9	90.9
GE 900	69.4	72.0	77.6	80.9	84.7	84.8	87.6	88.4	88.5	89.7	90.5	90.5	90.9	90.9	91.0	91.0
GE 800	70.7	73.3	79.2	82.7	86.7	87.0	90.0	90.8	90.9	92.1	92.9	92.9	93.5	93.5	93.6	93.6
GE 700	70.8	73.4	79.4	82.9	87.0	87.2	90.2	91.0	91.2	92.3	93.1	93.1	93.7	93.7	93.8	93.8
GE 600	71.2	73.7	79.8	83.3	87.3	87.6	90.6	91.4	91.5	92.7	93.5	93.5	94.1	94.1	94.2	94.2
GE 500	71.6	74.2	80.3	83.8	87.9	88.1	91.2	92.0	92.1	93.4	94.7	94.7	95.3	95.3	95.7	95.9
GE 400	71.7	74.3	80.5	84.2	88.3	88.5	91.6	92.6	92.7	94.1	95.3	95.3	96.2	96.2	96.5	96.7
GE 300	71.7	74.3	81.0	85.2	89.3	89.5	92.7	93.6	93.7	95.1	96.4	96.4	97.3	97.3	98.0	98.3
GE 200	71.7	74.3	81.0	85.2	89.3	89.5	92.8	94.3	94.4	95.9	97.2	97.2	98.4	98.4	99.1	99.8
GE 100	71.7	74.3	81.0	85.2	89.3	89.5	92.8	94.3	94.4	95.9	97.2	97.2	98.4	98.4	99.1	100.0
GE 000	71.7	74.3	81.0	85.2	89.3	89.5	92.8	94.3	94.4	95.9	97.2	97.2	98.4	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 860

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.1	48.2	51.2	53.2	55.6	55.8	57.0	57.7	57.8	59.0	59.6	59.6	60.2	60.4	60.7	60.7
GE 20000	47.4	49.2	52.4	54.3	56.8	57.0	58.2	58.9	59.1	60.2	60.8	60.9	61.5	61.8	62.0	62.1
GE 18000	47.7	49.5	52.7	54.6	57.1	57.3	58.5	59.3	59.4	60.5	61.2	61.2	61.9	62.1	62.3	62.4
GE 16000	47.8	49.6	52.8	54.7	57.2	57.4	58.5	59.3	59.5	60.6	61.2	61.2	61.9	62.2	62.4	62.5
GE 14000	48.6	50.4	53.6	55.5	58.1	58.2	59.4	60.2	60.3	61.4	62.1	62.1	62.8	63.0	63.2	63.3
GE 12000	49.2	51.0	54.3	56.3	58.8	59.0	60.2	60.9	61.1	62.2	62.8	62.9	63.5	63.8	64.0	64.1
GE 10000	50.3	52.1	55.6	57.7	60.4	60.5	61.8	62.6	62.7	63.9	64.6	64.6	65.3	65.5	65.8	65.8
GE 9000	50.9	52.7	56.2	58.3	61.0	61.2	62.5	63.3	63.4	64.5	65.2	65.3	66.0	66.2	66.4	66.5
GE 8000	52.6	54.4	58.0	60.1	62.8	63.0	64.3	65.1	65.3	66.4	67.1	67.1	67.9	68.1	68.3	68.4
GE 7000	53.2	55.1	58.6	60.8	63.5	63.7	64.9	65.8	65.9	67.1	67.8	67.8	68.6	68.8	69.0	69.1
GE 6000	54.2	56.1	59.8	62.0	64.8	65.0	66.3	67.2	67.3	68.5	69.2	69.2	70.0	70.2	70.4	70.5
GE 5000	55.5	57.6	61.5	63.7	66.5	66.7	68.2	69.1	69.2	70.4	71.1	71.2	71.9	72.1	72.4	72.5
GE 4500	55.6	57.7	61.6	63.9	66.7	66.9	68.4	69.3	69.4	70.6	71.3	71.3	72.1	72.3	72.6	72.6
GE 4000	56.8	59.0	63.0	65.4	68.3	68.5	69.9	70.8	71.0	72.1	72.9	72.9	73.7	73.9	74.1	74.2
GE 3500	57.3	59.5	63.6	66.0	69.0	69.2	70.8	71.7	71.8	73.0	73.7	73.7	74.5	74.7	74.9	75.0
GE 3000	58.3	60.7	65.0	67.5	70.6	70.8	72.5	73.5	73.7	74.9	75.6	75.6	76.4	76.6	76.6	76.9
GE 2500	58.9	61.4	65.8	68.4	71.5	71.7	73.7	74.7	74.8	76.0	76.7	76.7	77.5	77.8	78.0	78.1
GE 2000	60.0	62.7	67.3	70.1	73.5	73.7	75.9	77.0	77.1	78.4	79.2	79.2	80.0	80.2	80.5	80.6
GE 1800	60.1	62.8	67.4	70.3	73.8	74.0	76.3	77.3	77.5	78.8	79.5	79.5	80.3	80.6	80.8	80.9
GE 1500	61.2	64.1	69.1	72.2	76.1	76.3	78.9	80.1	80.3	81.6	82.4	82.4	83.2	83.5	83.7	83.8
GE 1200	62.3	65.3	70.6	73.9	77.9	78.2	80.9	82.1	82.3	83.7	84.5	84.6	85.4	85.7	85.9	86.0
GE 1000	63.7	66.9	72.7	76.3	81.1	81.5	84.5	85.8	86.1	87.7	88.7	88.7	89.7	90.0	90.3	90.4
GE 900	63.8	67.0	72.8	76.5	81.2	81.7	84.7	86.1	86.3	88.0	89.0	89.0	90.0	90.3	90.6	90.6
GE 800	64.3	67.5	73.6	77.4	82.3	82.8	86.1	87.5	87.7	89.5	90.6	90.6	91.7	92.0	92.3	92.4
GE 700	64.5	67.7	74.0	77.8	82.9	83.5	86.8	88.3	88.5	90.3	91.5	91.5	92.7	93.0	93.3	93.4
GE 600	64.7	67.9	74.2	78.1	83.3	83.8	87.2	88.7	88.9	90.9	92.1	92.1	93.3	93.6	94.0	94.1
GE 500	64.9	68.2	74.6	78.6	84.0	84.5	88.0	89.5	89.8	91.9	93.2	93.2	94.7	95.1	95.7	95.9
GE 400	65.0	68.3	74.9	78.9	84.4	85.0	88.6	90.2	90.4	92.6	94.0	94.0	95.5	95.9	96.5	96.8
GE 300	65.1	68.3	75.1	79.2	84.8	85.4	89.2	90.8	91.1	93.4	95.0	95.0	96.5	97.1	98.0	98.4
GE 200	65.1	68.3	75.1	79.2	84.9	85.5	89.3	91.1	91.4	93.8	95.4	95.4	97.2	97.9	99.0	99.7
GE 100	65.1	68.3	75.1	79.2	84.9	85.5	89.3	91.1	91.4	93.8	95.4	95.4	97.2	97.9	99.0	99.8
GE 000	65.1	68.3	75.1	79.2	84.9	85.5	89.3	91.1	91.4	93.8	95.4	95.4	97.2	97.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	21.0	21.4	22.0	22.4	23.7	23.7	24.9	24.9	24.9	25.5	25.9	25.9	27.7	28.4	28.9	29.2
GE 20000	21.8	22.1	22.8	23.2	24.6	24.6	25.8	25.8	25.8	26.4	26.8	26.8	28.6	29.3	29.8	30.1
GE 18000	22.3	22.6	23.3	23.6	25.1	25.1	26.2	26.2	26.2	26.9	27.2	27.2	29.0	29.7	30.3	30.5
GE 16000	22.3	22.6	23.3	23.6	25.1	25.1	26.2	26.2	26.2	26.9	27.2	27.2	29.0	29.7	30.3	30.5
GE 14000	22.9	23.3	24.0	24.3	25.8	25.8	26.9	26.9	26.9	27.6	27.9	27.9	29.7	30.4	31.0	31.2
GE 12000	23.3	23.6	24.3	24.6	26.1	26.1	27.3	27.3	27.3	28.0	28.4	28.4	30.2	30.8	31.4	31.6
GE 10000	23.8	24.2	24.9	25.3	26.8	26.8	28.1	28.1	28.1	28.8	29.2	29.2	31.0	31.6	32.2	32.4
GE 9000	24.3	24.6	25.3	25.8	27.2	27.2	28.6	28.6	28.6	29.3	29.6	29.6	31.4	32.1	32.7	32.9
GE 8000	25.3	25.6	26.3	26.8	28.2	28.2	29.6	29.6	29.6	30.3	30.6	30.6	32.4	33.1	33.7	33.9
GE 7000	25.4	25.8	26.4	26.9	28.4	28.5	29.8	29.8	29.8	30.5	30.8	30.8	32.7	33.3	33.9	34.1
GE 6000	27.0	27.3	28.0	28.6	30.1	30.2	31.5	31.6	31.8	32.4	32.8	32.8	34.6	35.3	35.8	36.0
GE 5000	29.0	29.4	30.3	31.0	32.5	32.7	34.0	34.1	34.2	34.9	35.3	35.3	37.3	38.0	38.5	38.8
GE 4500	29.0	29.4	30.3	31.0	32.5	32.7	34.0	34.1	34.2	34.9	35.3	35.3	37.3	38.0	38.5	38.8
GE 4000	30.1	30.4	31.3	32.0	33.7	33.8	35.1	35.3	35.4	36.0	36.4	36.4	38.4	39.1	39.7	39.9
GE 3500	30.1	30.4	31.3	32.0	33.7	33.8	35.1	35.3	35.4	36.0	36.4	36.4	38.4	39.1	39.7	39.9
GE 3000	30.8	31.2	32.3	33.2	35.3	35.4	36.7	36.8	36.9	37.6	38.0	38.0	40.0	40.7	41.2	41.5
GE 2500	31.3	31.6	32.8	33.7	35.8	35.9	37.4	37.5	37.6	38.3	38.6	38.6	40.7	41.4	41.9	42.1
GE 2000	33.2	33.7	35.3	36.2	38.6	38.9	40.8	41.0	41.2	41.9	42.3	42.3	44.3	45.0	45.5	45.8
GE 1800	33.4	33.9	35.5	36.4	38.9	39.1	41.0	41.2	41.5	42.1	42.5	42.5	44.5	45.2	45.8	46.0
GE 1500	35.1	35.6	37.6	39.1	42.5	42.8	44.9	45.5	45.8	46.8	47.1	47.1	49.2	49.8	50.5	50.7
GE 1200	37.5	38.0	40.1	41.6	45.0	45.3	47.3	48.2	48.5	49.6	49.9	49.9	52.0	52.7	53.3	53.6
GE 1000	43.2	44.0	47.6	49.2	53.8	54.4	58.1	59.2	59.4	60.7	61.0	61.0	63.2	64.0	64.6	64.9
GE 900	44.2	45.0	48.7	50.3	55.1	55.7	59.5	60.7	60.9	62.1	62.5	62.5	64.6	65.4	66.1	66.3
GE 800	47.6	48.6	52.7	54.6	60.2	60.8	65.2	66.6	66.8	68.1	68.5	68.5	70.6	71.4	72.1	72.3
GE 700	49.2	50.2	54.7	57.2	63.3	64.0	68.9	70.7	71.0	72.9	73.3	73.3	75.7	76.5	77.2	77.4
GE 600	50.3	51.5	56.5	59.3	65.5	66.3	71.4	73.3	73.6	75.5	76.3	76.3	78.6	79.4	80.1	80.3
GE 500	52.5	53.9	59.4	62.3	69.3	70.4	77.1	79.2	79.4	82.1	83.5	83.5	86.3	87.1	87.8	88.0
GE 400	53.8	55.1	61.5	64.3	71.4	72.7	79.5	81.9	82.3	85.3	86.9	87.0	90.1	90.8	91.5	91.8
GE 300	54.1	55.5	62.5	65.3	72.5	74.0	81.2	83.7	84.1	87.5	89.2	89.3	92.8	94.0	95.0	95.3
GE 200	54.2	55.6	62.6	65.4	72.7	74.1	81.9	84.6	85.0	88.5	90.2	90.3	94.1	95.8	97.2	98.0
GE 100	54.2	55.6	62.6	65.4	72.7	74.1	81.9	84.6	85.0	88.7	90.7	91.0	95.1	96.8	98.2	99.7
GE 000	54.2	55.6	62.6	65.4	72.7	74.1	81.9	84.6	85.0	88.7	90.7	91.0	95.1	96.8	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 885

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	18.4	18.9	20.1	20.9	21.5	21.6	22.5	22.7	22.8	23.7	24.0	24.1	25.9	26.3	26.9	27.6
GE 20000	18.5	19.0	20.2	21.0	21.8	21.9	22.8	23.1	23.2	24.1	24.3	24.4	26.2	26.7	27.2	27.9
GE 18000	18.6	19.1	20.3	21.1	21.9	22.0	22.9	23.2	23.3	24.2	24.4	24.5	25.3	26.8	27.3	28.0
GE 16000	18.6	19.1	20.3	21.1	21.9	22.0	22.9	23.2	23.3	24.2	24.4	24.5	25.3	26.8	27.3	28.0
GE 14000	19.2	19.7	20.9	21.7	22.5	22.6	23.5	23.7	23.8	24.7	25.0	25.1	26.9	27.3	27.9	28.6
GE 12000	19.7	20.1	21.5	22.4	23.3	23.4	24.3	24.5	24.6	25.5	25.8	25.9	27.7	28.1	28.7	29.4
GE 10000	20.2	20.7	22.0	22.9	23.8	24.0	24.9	25.1	25.2	26.2	26.4	26.6	28.4	28.8	29.4	30.1
GE 9000	20.9	21.4	22.7	23.6	24.5	24.6	25.5	25.8	25.9	27.0	27.2	27.3	29.2	29.6	30.2	30.8
GE 8000	21.9	22.4	23.7	24.6	25.5	25.6	26.6	26.8	26.9	28.0	28.2	28.4	30.2	30.6	31.2	32.0
GE 7000	22.7	23.2	24.5	25.4	26.3	26.4	27.3	27.6	27.7	28.8	29.0	29.2	31.0	31.4	32.0	32.8
GE 6000	24.2	24.7	26.1	27.0	27.9	28.0	28.9	29.2	29.3	30.4	30.6	30.7	32.5	33.0	33.6	34.4
GE 5000	25.4	26.0	27.3	28.2	29.3	29.4	30.4	30.7	30.8	32.0	32.2	32.3	34.1	34.6	35.3	36.0
GE 4500	25.6	26.2	27.7	28.6	29.6	29.7	30.7	31.1	31.2	32.3	32.5	32.7	34.5	34.9	35.6	36.4
GE 4000	26.1	26.7	28.1	29.0	30.2	30.3	31.3	31.6	31.8	32.9	33.1	33.2	35.0	35.5	36.2	36.9
GE 3500	26.1	26.7	28.1	29.0	30.2	30.3	31.3	31.6	31.8	32.9	33.1	33.2	35.0	35.5	36.2	36.9
GE 3000	27.6	28.2	29.9	31.1	32.2	32.3	33.3	33.7	33.8	34.9	35.1	35.3	37.1	37.5	38.2	39.0
GE 2500	28.0	28.7	30.4	31.5	33.0	33.1	34.1	34.5	34.6	35.7	35.9	36.0	37.9	38.3	39.0	39.8
GE 2000	30.6	31.5	33.3	35.0	36.8	36.9	38.1	38.5	38.8	39.9	40.1	40.2	42.0	42.5	43.2	44.0
GE 1800	30.8	31.8	33.6	35.3	37.1	37.2	38.3	38.8	39.0	40.2	40.5	40.6	42.4	42.8	43.5	44.3
GE 1500	33.8	34.9	36.9	38.8	40.9	41.0	42.1	43.1	43.3	44.5	44.7	44.9	46.7	47.1	47.9	48.7
GE 1200	35.5	36.6	38.9	40.9	43.3	43.4	44.5	45.4	45.6	47.1	47.5	47.6	49.4	49.8	50.6	51.4
GE 1000	40.1	41.4	44.6	47.2	50.4	50.6	52.2	53.2	53.4	55.0	55.7	55.8	57.6	58.1	58.9	59.7
GE 900	41.0	42.3	46.0	48.8	52.2	52.4	54.2	55.3	55.5	57.4	58.1	58.2	60.0	60.5	61.2	62.0
GE 800	43.1	44.4	48.6	51.6	55.9	56.4	59.1	60.2	60.5	62.6	63.6	63.7	65.5	66.0	66.8	67.6
GE 700	44.7	46.3	50.6	54.4	59.2	59.8	63.1	64.5	64.7	67.0	68.1	68.2	70.2	70.6	71.4	72.2
GE 600	46.0	47.6	52.2	56.2	61.6	62.1	66.1	67.7	67.9	70.5	71.9	72.0	73.9	74.4	75.1	75.9
GE 500	48.5	50.3	56.0	60.9	66.8	67.3	72.7	74.7	75.0	78.8	81.5	81.6	84.5	85.0	85.8	86.6
GE 400	49.3	51.1	57.3	62.3	68.4	69.2	74.8	76.9	77.3	82.0	85.6	85.8	88.7	89.3	90.2	91.1
GE 300	49.4	51.2	57.9	62.9	69.7	70.5	76.5	78.6	79.0	84.3	88.1	88.2	91.6	92.5	93.7	94.8
GE 200	49.5	51.3	58.0	63.1	69.8	70.6	76.6	78.8	79.2	84.9	89.0	89.2	92.9	94.2	96.3	98.0
GE 100	49.5	51.3	58.0	63.1	69.8	70.6	76.6	78.8	79.2	84.9	89.2	89.3	93.2	95.0	97.4	99.5
GE 000	49.5	51.3	58.0	63.1	69.8	70.6	76.6	78.8	79.2	84.9	89.2	89.3	93.2	95.0	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 885

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	18.4	19.4	20.6	21.3	22.4	22.4	23.3	23.9	24.0	25.0	25.2	25.2	26.3	26.7	27.4	27.6
GE 20000	18.4	19.4	20.6	21.3	22.5	22.5	23.5	24.1	24.2	25.2	25.4	25.4	26.6	26.9	27.6	27.8
GE 18000	18.5	19.5	20.7	21.4	22.6	22.6	23.7	24.2	24.3	25.3	25.6	25.6	26.8	27.1	27.8	28.0
GE 16000	18.5	19.5	20.7	21.4	22.6	22.6	23.7	24.2	24.3	25.3	25.6	25.6	26.8	27.1	27.8	28.0
GE 14000	18.8	19.8	21.1	21.7	23.0	23.0	24.0	24.6	24.7	25.7	25.9	25.9	27.1	27.5	28.1	28.4
GE 12000	19.1	20.2	21.4	22.2	23.7	23.7	24.8	25.3	25.4	26.6	26.8	26.8	28.0	28.4	29.0	29.3
GE 10000	19.6	20.7	22.1	22.9	24.3	24.3	25.4	26.0	26.1	27.2	27.5	27.5	28.7	29.0	29.7	29.9
GE 9000	20.4	21.5	23.0	23.8	25.2	25.2	26.3	26.9	27.0	28.1	28.4	28.4	29.6	29.9	30.6	30.8
GE 8000	22.1	23.2	24.7	25.4	26.9	26.9	28.0	28.7	28.8	29.9	30.2	30.2	31.4	31.7	32.4	32.6
GE 7000	23.4	24.6	26.0	26.9	28.4	28.4	29.5	30.2	30.3	31.4	31.6	31.6	32.8	33.2	33.9	34.1
GE 6000	24.4	25.6	27.1	28.0	29.5	29.5	30.6	31.3	31.4	32.5	32.7	32.7	34.0	34.3	35.0	35.2
GE 5000	25.2	26.3	28.0	28.9	30.4	30.4	31.5	32.2	32.3	33.4	33.6	33.6	34.9	35.2	35.9	36.1
GE 4500	25.2	26.3	28.0	28.9	30.4	30.4	31.5	32.2	32.3	33.4	33.6	33.6	34.9	35.2	35.9	36.1
GE 4000	25.8	26.9	28.7	29.7	31.4	31.4	32.5	33.2	33.3	34.4	34.6	34.6	35.9	36.2	36.9	37.1
GE 3500	26.2	27.4	29.1	30.2	31.8	31.8	33.0	33.6	33.7	34.9	35.1	35.1	36.3	36.7	37.3	37.6
GE 3000	27.8	28.9	30.9	32.1	34.1	34.1	35.2	35.9	36.0	37.1	37.3	37.3	38.6	38.9	39.6	39.8
GE 2500	28.9	30.0	32.2	33.3	35.3	35.3	36.4	37.1	37.2	38.3	38.6	38.6	39.8	40.1	40.8	41.0
GE 2000	30.5	31.7	34.3	35.4	38.0	38.0	39.3	40.2	40.4	41.5	41.7	41.7	42.9	43.3	43.9	44.2
GE 1800	30.9	32.2	34.9	36.0	38.7	38.7	40.0	40.9	41.0	42.2	42.4	42.4	43.6	43.9	44.6	44.8
GE 1500	32.7	34.3	37.4	39.5	42.3	42.4	44.8	45.7	45.9	47.0	47.2	47.2	48.4	48.8	49.6	49.8
GE 1200	35.5	37.1	40.9	43.0	46.1	46.2	48.8	49.9	50.0	51.1	51.3	51.3	52.6	52.9	53.7	53.9
GE 1000	40.7	42.4	46.9	49.4	52.9	53.3	56.4	57.8	58.0	59.2	59.8	59.8	61.1	61.4	62.2	62.4
GE 900	41.4	43.0	47.9	50.4	53.9	54.3	57.4	58.9	59.0	60.2	60.8	60.8	62.1	62.4	63.2	63.5
GE 800	43.2	45.0	50.2	53.4	57.1	57.4	60.9	62.8	62.9	64.2	65.0	65.0	66.5	66.8	67.6	67.8
GE 700	45.0	46.7	52.5	55.9	60.0	60.3	64.7	66.7	66.8	68.3	69.1	69.1	70.6	71.0	71.7	72.0
GE 600	46.2	48.3	54.6	58.9	63.0	63.5	68.2	70.6	70.7	72.8	73.5	73.5	75.1	75.4	76.2	76.5
GE 500	47.6	49.9	57.1	62.1	68.0	68.7	75.0	77.7	77.8	81.2	82.7	82.7	85.4	86.2	87.2	87.4
GE 400	47.8	50.1	58.1	63.8	70.3	71.0	77.7	80.7	80.8	84.8	86.3	86.3	89.0	90.1	91.3	91.5
GE 300	48.1	50.4	58.5	64.6	71.1	71.9	78.7	82.0	82.2	86.5	88.5	88.5	91.6	92.9	94.6	95.2
GE 200	48.1	50.4	58.5	64.6	71.3	72.1	78.9	82.2	82.5	87.1	89.5	89.5	93.5	95.2	97.2	98.3
GE 100	48.1	50.4	58.5	64.6	71.3	72.1	78.9	82.3	82.6	87.2	89.6	89.6	93.6	95.3	97.5	99.2
GE 000	48.1	50.4	58.5	64.6	71.3	72.1	78.9	82.3	82.6	87.2	89.6	89.6	93.6	95.3	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 892

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	25.5	26.7	28.2	28.7	31.1	31.1	32.1	32.5	32.5	33.0	33.0	33.0	34.1	34.3	34.5	34.5
GE 20000	25.7	26.9	28.5	28.9	31.3	31.3	32.7	33.0	33.0	33.6	33.6	33.6	34.6	34.9	35.1	35.1
GE 18000	25.9	27.0	28.6	29.0	31.4	31.4	32.8	33.1	33.1	33.7	33.7	33.7	34.7	35.0	35.2	35.2
GE 16000	25.9	27.0	28.6	29.0	31.4	31.4	32.8	33.1	33.1	33.7	33.7	33.7	34.7	35.0	35.2	35.2
GE 14000	26.1	27.2	28.8	29.3	31.7	31.7	33.0	33.4	33.4	33.9	33.9	33.9	35.0	35.2	35.4	35.4
GE 12000	26.1	27.2	28.8	29.4	31.8	31.8	33.1	33.6	33.6	34.2	34.2	34.2	35.2	35.5	35.8	35.8
GE 10000	26.7	27.8	29.5	30.1	32.5	32.5	33.8	34.3	34.3	35.0	35.0	35.0	36.1	36.4	36.7	36.7
GE 9000	27.2	28.4	30.1	30.6	33.0	33.0	34.4	34.9	34.9	35.5	35.5	35.5	36.7	37.0	37.2	37.2
GE 8000	28.0	29.4	31.1	31.7	34.1	34.1	35.4	35.9	35.9	36.6	36.7	36.7	37.8	38.2	38.4	38.4
GE 7000	29.2	30.6	32.3	32.9	35.3	35.3	36.7	37.1	37.1	37.8	37.9	37.9	39.1	39.4	39.6	39.6
GE 6000	31.7	33.1	34.9	35.4	37.9	37.9	39.3	39.7	39.7	40.4	40.5	40.5	41.7	42.0	42.3	42.3
GE 5000	32.1	33.6	35.3	35.9	38.6	38.6	40.0	40.4	40.4	41.1	41.2	41.2	42.4	42.7	42.9	42.9
GE 4500	32.3	33.8	35.5	36.1	38.8	38.8	40.3	40.8	40.8	41.6	41.7	41.7	42.8	43.2	43.4	43.4
GE 4000	32.5	33.9	35.6	36.2	39.3	39.3	40.8	41.2	41.2	42.0	42.1	42.1	43.3	43.6	43.8	43.8
GE 3500	33.4	34.9	36.6	37.1	40.2	40.2	41.7	42.1	42.1	42.9	43.1	43.1	44.2	44.5	44.8	44.8
GE 3000	34.2	35.6	37.5	38.0	41.1	41.1	42.6	43.1	43.1	43.8	44.0	44.0	45.1	45.4	45.7	45.7
GE 2500	34.7	36.2	38.3	38.8	41.9	41.9	43.4	43.8	43.8	44.6	44.8	44.8	45.9	46.2	46.5	46.5
GE 2000	36.3	37.8	40.3	40.9	44.1	44.1	45.9	46.4	46.4	47.2	47.3	47.3	48.4	48.7	49.0	49.0
GE 1800	37.0	38.5	41.0	41.6	44.9	44.9	46.7	47.2	47.2	47.9	48.1	48.1	49.2	49.5	49.8	49.8
GE 1500	38.6	40.1	43.7	45.0	48.6	48.6	50.9	51.4	51.4	52.2	52.3	52.3	53.4	53.8	54.0	54.0
GE 1200	39.6	41.1	44.9	46.6	50.8	50.8	53.1	53.6	53.6	54.4	54.6	54.6	55.7	56.0	56.3	56.3
GE 1000	44.6	46.1	51.0	53.4	59.1	59.1	61.8	62.9	62.9	64.0	64.4	64.4	65.5	65.8	66.1	66.1
GE 900	45.1	46.8	51.5	53.9	59.6	59.6	62.3	63.3	63.3	64.5	64.8	64.8	65.9	66.3	66.5	66.5
GE 800	46.5	48.2	53.0	55.6	61.6	61.8	64.8	65.9	66.1	67.3	67.7	67.7	68.8	69.1	69.4	69.4
GE 700	48.1	49.9	55.0	58.1	64.8	65.1	68.3	69.5	69.9	71.3	71.9	71.9	73.0	73.3	73.6	73.6
GE 600	50.7	52.6	58.3	61.8	68.8	69.6	73.0	74.8	75.3	77.2	77.8	77.8	78.9	79.3	79.5	79.5
GE 500	53.3	55.2	61.8	65.8	73.3	74.1	78.4	81.0	81.8	85.2	86.4	86.4	87.6	88.0	88.3	88.3
GE 400	54.4	56.9	64.7	68.9	77.0	77.9	82.6	85.2	86.1	90.1	91.5	91.5	92.6	93.2	93.4	93.5
GE 300	55.1	57.9	65.9	70.5	79.4	80.3	85.6	88.4	89.3	93.4	94.9	95.0	96.8	97.7	98.1	98.3
GE 200	55.4	58.1	66.3	70.8	79.7	80.6	86.2	89.1	90.0	94.1	95.6	95.7	97.6	98.9	99.3	99.5
GE 100	55.5	58.2	66.4	71.0	79.8	80.8	86.3	89.2	90.1	94.2	95.7	95.8	97.7	99.1	99.7	100.0
GE 000	55.5	58.2	66.4	71.0	79.8	80.8	86.3	89.2	90.1	94.2	95.7	95.8	97.7	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 878

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.8	30.3	31.0	31.5	32.9	32.9	33.3	33.6	33.6	33.7	33.7	33.7	34.2	34.4	34.4	34.4
GE 20000	30.5	31.0	31.7	32.2	33.6	33.6	34.3	34.6	34.6	34.7	34.7	34.7	35.2	35.4	35.4	35.4
GE 18000	30.8	31.2	31.9	5	33.9	33.9	34.6	35.0	35.0	35.1	35.1	35.1	35.5	35.8	35.8	35.8
GE 16000	30.8	31.2	31.9	5	33.9	33.9	34.6	35.0	35.0	35.1	35.1	35.1	35.5	35.8	35.8	35.8
GE 14000	30.9	31.3	32.0	2.6	34.1	34.1	34.7	35.1	35.1	35.2	35.2	35.2	35.6	35.9	35.9	35.9
GE 12000	32.1	32.6	33.3	33.8	35.3	35.3	36.0	36.3	36.3	36.4	36.4	36.4	36.9	37.1	37.1	37.1
GE 10000	32.9	33.4	34.2	34.7	36.2	36.2	36.9	37.2	37.2	37.4	37.4	37.4	37.8	38.0	38.0	38.0
GE 9000	33.3	33.7	34.5	35.1	36.6	36.6	37.2	37.6	37.6	37.7	37.7	37.7	38.2	38.4	38.4	38.4
GE 8000	34.2	34.6	35.5	36.1	37.6	37.6	38.3	38.6	38.6	38.7	38.7	38.7	39.2	39.4	39.4	39.4
GE 7000	34.9	35.3	36.2	36.8	38.3	38.3	39.0	39.3	39.3	39.4	39.4	39.4	39.9	40.1	40.1	40.1
GE 6000	37.5	37.9	38.8	39.4	40.9	40.9	41.6	41.9	41.9	42.0	42.0	42.0	42.5	42.7	42.7	42.7
GE 5000	38.0	38.5	39.4	40.0	41.8	41.8	42.5	42.8	42.8	42.9	42.9	42.9	43.4	43.6	43.6	43.6
GE 4500	38.0	38.5	39.4	40.1	41.9	41.9	42.6	42.9	42.9	43.1	43.1	43.1	43.5	43.7	43.7	43.7
GE 4000	38.3	38.7	39.6	40.4	42.3	42.3	42.9	43.3	43.3	43.4	43.4	43.4	43.8	44.1	44.1	44.1
GE 3500	38.6	39.1	40.0	40.8	42.7	42.7	43.4	43.7	43.7	43.8	43.8	43.8	44.3	44.5	44.5	44.5
GE 3000	39.4	39.9	40.8	41.7	43.7	43.7	44.4	44.9	44.9	45.0	45.0	45.0	45.4	45.7	45.7	45.7
GE 2500	40.1	40.5	41.5	42.4	44.8	44.8	45.4	45.9	45.9	46.0	46.0	46.0	46.5	46.7	46.7	46.7
GE 2000	41.7	42.1	43.5	44.4	47.0	47.0	47.7	48.2	48.2	48.3	48.3	48.3	48.7	49.0	49.0	49.0
GE 1800	42.4	42.8	44.3	45.2	48.1	48.1	48.7	49.2	49.2	49.3	49.3	49.3	49.8	50.0	50.0	50.0
GE 1500	43.6	44.2	46.5	47.6	50.9	50.9	52.1	52.7	52.8	53.1	53.1	53.1	53.5	53.8	53.8	53.8
GE 1200	45.7	46.6	49.2	50.7	54.1	54.1	55.5	56.4	56.5	56.7	56.7	56.7	57.2	57.4	57.4	57.4
GE 1000	50.3	51.6	54.9	56.9	61.2	61.3	63.2	64.5	64.7	65.5	65.6	65.6	66.4	66.6	66.6	66.6
GE 900	50.5	51.7	55.0	57.1	61.3	61.4	63.6	64.8	65.0	65.8	65.9	65.9	66.7	67.0	67.0	67.0
GE 800	52.7	54.1	57.9	60.1	64.8	64.9	67.4	68.8	69.0	70.4	70.7	70.7	71.5	71.8	71.8	71.8
GE 700	56.3	57.6	61.6	64.4	69.1	69.2	71.8	73.1	73.5	75.1	75.6	75.6	76.4	76.7	76.7	76.7
GE 600	59.9	61.5	65.9	69.1	74.4	74.7	77.4	78.8	79.2	81.1	81.7	81.7	82.5	82.7	82.7	82.7
GE 500	62.9	64.7	70.4	74.3	80.5	80.9	84.2	85.8	86.1	88.8	89.6	89.6	90.5	90.8	90.8	90.8
GE 400	64.4	66.5	72.8	76.8	83.5	83.8	87.8	89.7	90.1	93.1	94.0	94.0	94.9	95.1	95.1	95.1
GE 300	65.0	67.2	73.6	78.1	85.1	85.5	89.9	91.8	92.1	95.6	96.6	96.6	97.9	98.4	98.4	98.4
GE 200	65.4	67.5	74.0	78.6	85.5	86.0	90.3	92.3	92.6	96.4	97.5	97.5	99.1	99.7	99.7	99.7
GE 100	65.4	67.5	74.0	78.6	85.5	86.0	90.3	92.3	92.6	96.4	97.5	97.5	99.1	99.9	100.0	100.0
GE 000	65.4	67.5	74.0	78.6	85.5	86.0	90.3	92.3	92.6	96.4	97.5	97.5	99.1	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 878

D - 2 - 41

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.9	30.0	31.0	31.5	32.4	32.4	32.6	32.8	32.8	33.1	33.4	33.4	33.7	33.8	33.8	33.8
GE 20000	30.5	30.7	31.7	32.2	33.2	33.2	33.3	33.6	33.6	33.9	34.2	34.2	34.4	34.6	34.6	34.6
GE 18000	31.2	31.3	32.3	32.9	33.9	33.9	34.0	34.2	34.2	34.6	34.9	34.9	35.1	35.2	35.2	35.2
GE 16000	31.2	31.3	32.3	32.9	33.9	33.9	34.0	34.2	34.2	34.6	34.9	34.9	35.1	35.2	35.2	35.2
GE 14000	31.3	31.4	32.4	33.0	34.0	34.0	34.1	34.3	34.3	34.7	35.0	35.0	35.2	35.3	35.3	35.3
GE 12000	31.3	31.4	32.4	33.0	34.3	34.3	34.4	34.7	34.7	35.0	35.3	35.3	35.6	35.7	35.7	35.7
GE 10000	33.3	33.4	34.4	35.0	36.3	36.3	36.6	36.8	36.8	37.1	37.5	37.5	37.7	37.8	37.8	37.8
GE 9000	33.6	33.7	34.7	35.2	36.6	36.6	36.8	37.0	37.0	37.3	37.7	37.7	37.9	38.0	38.0	38.0
GE 8000	34.4	34.6	35.6	36.1	37.5	37.5	37.7	37.9	37.9	38.2	38.6	38.6	38.8	38.9	38.9	38.9
GE 7000	35.0	35.1	36.1	36.7	38.0	38.0	38.2	38.5	38.5	38.8	39.1	39.1	39.4	39.5	39.5	39.5
GE 6000	36.1	36.2	37.2	37.8	39.1	39.1	39.4	39.6	39.6	39.9	40.2	40.2	40.5	40.6	40.6	40.6
GE 5000	36.9	37.0	38.1	38.7	40.2	40.2	40.5	40.7	40.7	41.0	41.4	41.4	41.6	41.7	41.7	41.7
GE 4500	36.9	37.0	38.1	38.7	40.2	40.2	40.5	40.7	40.7	41.0	41.4	41.4	41.6	41.7	41.7	41.7
GE 4000	37.1	37.3	38.5	39.0	40.6	40.6	40.8	41.0	41.0	41.4	41.7	41.7	41.9	42.0	42.0	42.0
GE 3500	37.5	37.7	38.8	39.4	40.9	40.9	41.1	41.4	41.4	41.7	42.0	42.0	42.3	42.4	42.4	42.4
GE 3000	38.1	38.4	39.5	40.0	41.6	41.6	41.8	42.0	42.0	42.4	42.7	42.7	42.9	43.0	43.0	43.0
GE 2500	38.7	38.9	40.0	40.6	42.3	42.3	42.5	42.7	42.7	43.0	43.4	43.4	43.6	43.7	43.7	43.7
GE 2000	39.9	40.1	41.4	41.9	43.8	43.8	44.0	44.4	44.4	44.7	45.0	45.0	45.3	45.4	45.4	45.4
GE 1800	40.6	40.8	42.0	42.6	44.7	44.7	44.9	45.4	45.4	45.7	46.0	46.0	46.3	46.4	46.4	46.4
GE 1500	43.1	43.7	45.4	46.3	48.9	49.1	49.6	50.2	50.2	50.5	50.8	50.8	51.1	51.2	51.2	51.2
GE 1200	45.9	46.5	48.6	49.6	52.4	52.5	54.2	54.7	54.7	55.1	55.4	55.4	55.6	55.7	55.7	55.7
GE 1000	55.3	56.5	59.1	60.8	64.5	64.7	66.3	68.1	68.1	69.0	69.5	69.5	69.9	70.2	70.2	70.2
GE 900	55.6	57.1	59.9	61.5	65.3	65.4	67.2	69.0	69.0	69.9	70.3	70.3	70.8	71.1	71.1	71.1
GE 800	57.6	59.2	62.1	64.0	68.1	68.2	70.3	72.1	72.1	73.1	73.6	73.6	74.0	74.4	74.4	74.4
GE 700	60.5	62.2	65.3	67.6	71.9	72.1	74.7	76.7	76.8	77.9	78.5	78.5	79.0	79.4	79.4	79.4
GE 600	63.9	66.2	69.6	71.8	77.0	77.3	80.3	82.3	82.4	83.7	84.3	84.3	84.8	85.2	85.2	85.2
GE 500	67.0	69.7	73.9	76.6	82.6	82.8	86.8	88.9	89.1	90.6	91.5	91.5	92.1	92.4	92.4	92.4
GE 400	68.8	71.7	77.3	80.4	86.5	86.7	91.1	93.2	93.4	95.0	95.9	95.9	96.4	96.8	96.8	96.8
GE 300	69.8	72.7	78.6	81.7	88.3	88.5	93.1	95.3	95.5	97.1	98.0	98.0	98.6	98.9	98.9	98.9
GE 200	69.8	72.7	78.7	81.9	88.5	88.7	93.4	95.7	95.9	97.9	99.0	99.0	99.7	100.0	100.0	100.0
GE 100	69.8	72.7	78.7	81.9	88.5	88.7	93.4	95.7	95.9	97.9	99.0	99.0	99.7	100.0	100.0	100.0
GE 000	69.8	72.7	78.7	81.9	88.5	88.7	93.4	95.7	95.9	97.9	99.0	99.0	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.9	32.3	33.2	33.7	34.5	34.5	34.6	34.6	34.9	34.9	35.3	35.3	35.3	35.3	35.3	35.3
GE 20000	32.2	32.7	33.6	34.0	34.9	34.9	35.0	35.0	35.3	35.3	35.8	35.8	35.8	35.8	35.8	35.8
GE 18000	32.6	33.0	33.9	34.3	35.2	35.2	35.3	35.3	35.7	35.7	36.1	36.1	36.1	36.1	36.1	36.1
GE 16000	32.6	33.0	33.9	34.3	35.2	35.2	35.3	35.3	35.7	35.7	36.1	36.1	36.1	36.1	36.1	36.1
GE 14000	32.9	33.3	34.2	34.7	35.6	35.6	35.7	35.7	36.0	36.0	36.5	36.5	36.5	36.5	36.5	36.5
GE 12000	33.0	33.4	34.3	34.8	35.7	35.7	35.8	35.8	36.1	36.1	36.6	36.6	36.6	36.6	36.6	36.6
GE 10000	34.8	35.2	36.1	36.6	37.5	37.5	37.6	37.6	37.9	37.9	38.4	38.4	38.4	38.4	38.4	38.4
GE 9000	35.2	35.7	36.6	37.0	37.9	37.9	38.0	38.0	38.4	38.4	38.8	38.8	38.8	38.8	38.8	38.8
GE 8000	36.7	37.1	38.0	38.5	39.4	39.4	39.5	39.5	39.8	39.8	40.3	40.3	40.3	40.3	40.3	40.3
GE 7000	37.0	37.5	38.4	38.8	39.7	39.7	39.8	39.8	40.2	40.2	40.6	40.6	40.6	40.6	40.6	40.6
GE 5000	38.6	39.0	39.9	40.4	41.3	41.3	41.4	41.4	41.7	41.7	42.2	42.2	42.2	42.2	42.2	42.2
GE 5000	39.7	40.3	41.2	41.6	42.6	42.6	42.7	42.7	43.1	43.1	43.5	43.5	43.5	43.5	43.5	43.5
GE 4500	39.7	40.3	41.2	41.6	42.8	42.8	43.0	43.0	43.3	43.3	43.7	43.7	43.7	43.7	43.7	43.7
GE 4000	39.9	40.5	41.4	41.8	43.1	43.1	43.2	43.2	43.5	43.5	44.0	44.0	44.0	44.0	44.0	44.0
GE 3500	40.4	40.9	41.8	42.3	43.5	43.5	43.6	43.6	44.0	44.0	44.4	44.4	44.4	44.4	44.4	44.4
GE 3000	41.5	42.1	43.0	43.5	45.0	45.0	45.1	45.1	45.4	45.4	45.9	45.9	45.9	45.9	45.9	45.9
GE 2500	41.9	42.5	43.4	44.0	45.4	45.4	45.5	45.5	45.9	45.9	46.3	46.3	46.3	46.3	46.3	46.3
GE 2000	43.1	43.6	44.6	45.2	46.9	46.9	47.0	47.0	47.3	47.3	47.8	47.8	47.8	47.8	47.8	47.8
GE 1800	43.1	43.6	44.7	45.3	47.1	47.1	47.2	47.2	47.5	47.5	48.0	48.0	48.0	48.0	48.0	48.0
GE 1500	45.0	45.5	46.8	47.5	50.2	50.2	50.7	51.0	51.3	51.6	52.1	52.1	52.1	52.1	52.1	52.1
GE 1200	48.7	49.2	51.0	52.0	55.3	55.3	56.4	57.0	57.4	57.6	58.2	58.2	58.2	58.2	58.2	58.2
GE 1000	55.7	56.4	58.8	60.6	64.3	64.3	65.9	67.6	67.9	68.2	69.0	69.0	69.4	69.5	69.5	69.5
GE 900	56.3	57.2	60.0	61.7	65.4	65.4	67.1	68.8	69.1	69.5	70.2	70.2	70.6	70.7	70.7	70.7
GE 800	59.8	60.7	63.9	65.8	69.5	69.5	71.6	73.5	73.8	74.3	75.1	75.1	75.4	75.5	75.5	75.5
GE 700	62.8	63.8	67.1	69.0	72.8	73.0	76.3	78.4	79.0	79.5	80.3	80.3	80.8	80.9	80.9	80.9
GE 600	64.8	65.9	69.6	71.5	75.7	76.0	79.5	81.8	82.6	83.1	83.9	83.9	84.3	84.5	84.5	84.5
GE 500	66.9	68.2	73.0	75.7	80.2	80.4	84.7	87.1	88.0	88.9	89.8	89.8	90.4	90.5	90.5	90.5
GE 400	68.2	70.1	75.7	79.1	84.6	84.9	89.6	92.3	93.2	94.2	95.1	95.1	95.6	95.7	95.7	95.7
GE 300	68.7	70.7	76.3	79.8	85.3	85.8	91.2	93.8	94.7	96.0	96.9	96.9	97.5	97.7	97.7	97.7
GE 200	68.9	70.9	76.5	80.1	85.9	86.4	91.8	94.6	95.5	97.0	98.3	98.3	99.4	99.7	99.8	99.8
GE 100	68.9	70.9	76.5	80.1	85.9	86.4	91.8	94.6	95.5	97.0	98.3	98.3	99.6	99.8	100.0	100.0
GE 000	68.9	70.9	76.5	80.1	85.9	86.4	91.8	94.6	95.5	97.0	98.3	98.3	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 894

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.9	30.2	31.0	31.1	31.3	31.6	31.9	31.9	32.0	32.2	32.8	32.8	33.3	33.4	33.4	33.4
GE 20000	30.4	30.9	31.7	31.8	32.0	32.2	32.6	32.6	32.7	32.9	33.5	33.5	33.9	34.0	34.0	34.0
GE 18000	30.6	31.0	31.8	31.9	32.1	32.4	32.7	32.7	32.8	33.0	33.6	33.6	34.0	34.2	34.2	34.2
GE 16000	30.6	31.0	31.9	32.0	32.2	32.5	32.8	32.8	32.9	33.1	33.7	33.7	34.2	34.3	34.3	34.3
GE 14000	31.9	32.4	33.3	33.4	33.6	33.8	34.2	34.2	34.3	34.5	35.1	35.1	35.5	35.6	35.6	35.6
GE 12000	32.2	32.7	33.7	33.8	34.0	34.3	34.8	34.8	34.9	35.2	35.7	35.7	36.2	36.3	36.3	36.3
GE 10000	32.9	33.5	34.5	34.6	34.9	35.2	35.7	35.7	35.8	36.1	36.6	36.6	37.1	37.2	37.2	37.2
GE 9000	33.3	33.8	34.8	34.9	35.3	35.5	36.1	36.1	36.2	36.4	37.0	37.0	37.4	37.5	37.5	37.5
GE 8000	34.4	34.9	36.0	36.1	36.4	36.6	37.2	37.2	37.3	37.5	38.1	38.1	38.5	38.7	38.7	38.7
GE 7000	34.5	35.1	36.1	36.2	36.5	36.7	37.3	37.3	37.4	37.6	38.2	38.2	38.7	38.8	38.8	38.8
GE 6000	35.5	36.1	37.1	37.2	37.5	37.8	38.3	38.3	38.4	38.8	39.3	39.3	39.8	39.9	39.9	39.9
GE 5000	36.9	37.4	38.4	38.5	38.9	39.1	39.7	39.7	39.8	40.1	40.7	40.7	41.2	41.3	41.3	41.3
GE 4500	37.0	37.5	38.5	38.7	39.0	39.2	39.8	39.8	39.9	40.2	40.8	40.8	41.3	41.5	41.5	41.5
GE 4000	37.6	38.2	39.2	39.3	39.7	39.9	40.4	40.4	40.6	40.9	41.5	41.5	42.0	42.1	42.1	42.1
GE 3500	38.2	38.8	40.0	40.1	40.4	40.7	41.2	41.2	41.3	41.7	42.2	42.2	42.8	42.9	42.9	42.9
GE 3000	39.6	40.1	41.5	41.6	42.0	42.2	42.8	42.8	42.9	43.3	43.8	43.8	44.4	44.5	44.5	44.5
GE 2500	39.8	40.3	41.7	41.8	42.2	42.5	43.4	43.4	43.5	43.8	44.4	44.4	44.9	45.1	45.1	45.1
GE 2000	40.9	41.5	42.8	43.0	43.6	43.8	44.7	44.7	44.9	45.3	45.8	45.8	46.4	46.5	46.5	46.5
GE 1800	41.0	41.7	43.1	43.5	44.0	44.3	45.2	45.2	45.4	45.7	46.3	46.3	46.9	47.0	47.0	47.0
GE 1500	43.1	44.0	46.5	47.2	48.0	48.4	49.8	50.0	50.2	50.9	51.5	51.5	52.0	52.1	52.1	52.1
GE 1200	45.3	46.2	49.1	49.9	51.1	51.6	52.9	53.3	53.5	54.2	54.7	54.7	55.3	55.4	55.4	55.4
GE 1000	52.9	54.4	57.9	58.9	60.8	61.2	63.6	64.5	64.9	66.0	66.6	66.6	67.4	67.5	67.5	67.5
GE 900	53.8	55.3	59.0	60.0	61.9	62.4	64.7	65.6	66.1	67.1	67.8	67.8	68.5	68.7	68.7	68.7
GE 800	57.5	59.1	63.3	64.6	67.3	67.8	71.1	72.2	72.7	73.8	74.5	74.5	75.3	75.4	75.4	75.4
GE 700	60.0	61.7	66.1	67.6	70.4	71.0	75.1	76.7	77.2	78.7	79.3	79.3	80.1	80.2	80.2	80.2
GE 600	61.7	63.7	68.1	69.8	72.7	73.3	78.0	79.9	80.4	82.1	82.8	82.8	83.6	83.7	83.7	83.7
GE 500	63.8	66.0	70.8	72.7	76.3	76.9	81.9	83.9	84.5	86.5	87.4	87.4	88.2	88.3	88.3	88.4
GE 400	64.9	67.3	72.7	74.9	79.0	79.6	84.9	87.1	87.6	90.0	91.0	91.0	91.9	92.0	92.0	92.1
GE 300	65.3	67.8	73.4	75.8	80.3	80.9	86.4	88.5	89.1	91.7	92.8	92.8	93.9	94.2	94.8	94.9
GE 200	65.4	67.9	73.5	76.0	80.6	81.1	86.9	89.2	90.0	93.1	94.5	94.5	96.5	96.7	97.9	98.5
GE 100	65.4	67.9	73.5	76.0	80.6	81.1	86.9	89.2	90.0	93.4	94.8	94.8	97.4	97.8	98.9	100.0
GE 000	65.4	67.9	73.5	76.0	80.6	81.1	86.9	89.2	90.0	93.4	94.8	94.8	97.4	97.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 890

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	25.6	26.1	27.2	27.7	28.7	28.8	29.4	29.6	29.7	30.2	30.4	30.4	31.3	31.6	31.8	32.0
GE 20000	26.0	26.6	27.6	28.1	29.3	29.3	30.0	30.2	30.3	30.8	31.0	31.1	31.9	32.2	32.4	32.6
GE 18000	26.3	26.8	27.9	28.4	29.5	29.6	30.3	30.5	30.6	31.1	31.3	31.3	32.2	32.5	32.7	32.9
GE 16000	26.3	26.8	27.9	28.4	29.6	29.6	30.3	30.5	30.6	31.1	31.3	31.4	32.2	32.5	32.8	32.9
GE 14000	26.8	27.3	28.3	28.8	30.0	30.1	30.8	31.0	31.1	31.5	31.8	31.8	32.7	33.0	33.2	33.4
GE 12000	27.1	27.7	28.7	29.3	30.5	30.6	31.3	31.6	31.6	32.1	32.4	32.4	33.3	33.6	33.8	34.0
GE 10000	28.0	28.6	29.7	30.3	31.6	31.6	32.4	32.6	32.7	33.2	33.5	33.5	34.4	34.7	34.9	35.1
GE 9000	28.5	29.1	30.2	30.8	32.0	32.1	32.9	33.1	33.2	33.7	34.0	34.0	34.9	35.2	35.4	35.6
GE 8000	29.6	30.2	31.4	31.9	33.2	33.2	34.0	34.3	34.4	34.9	35.2	35.2	36.1	36.4	36.6	36.8
GE 7000	30.3	30.9	32.0	32.6	33.9	33.9	34.7	34.9	35.0	35.6	35.9	35.9	36.8	37.0	37.3	37.4
GE 6000	31.9	32.5	33.7	34.2	35.5	35.6	36.4	36.6	36.7	37.3	37.6	37.6	38.5	38.7	39.0	39.1
GE 5000	32.9	33.6	34.8	35.4	36.8	36.9	37.7	37.9	38.0	38.6	38.9	38.9	39.8	40.1	40.3	40.5
GE 4500	33.0	33.6	34.8	35.5	36.9	37.0	37.8	38.1	38.2	38.7	39.0	39.0	39.9	40.2	40.5	40.7
GE 4000	33.4	34.1	35.3	35.9	37.5	37.6	38.4	38.7	38.8	39.3	39.6	39.6	40.5	40.8	41.1	41.2
GE 3500	33.8	34.5	35.7	36.4	37.9	38.0	38.8	39.1	39.2	39.7	40.0	40.0	41.0	41.2	41.5	41.7
GE 3000	34.9	35.6	36.9	37.7	39.4	39.4	40.2	40.5	40.6	41.2	41.5	41.5	42.4	42.7	43.0	43.1
GE 2500	35.4	36.1	37.5	38.3	40.1	40.1	41.0	41.3	41.4	42.0	42.2	42.3	43.2	43.5	43.7	43.9
GE 2000	37.0	37.8	39.4	40.3	42.4	42.4	43.4	43.8	43.9	44.5	44.8	44.8	45.7	46.0	46.3	46.4
GE 1800	37.4	38.2	39.9	40.7	42.9	43.0	44.0	44.4	44.5	45.1	45.4	45.4	46.3	46.6	46.9	47.0
GE 1500	39.4	40.3	42.6	43.9	46.5	46.7	48.1	48.7	48.9	49.6	49.9	49.9	50.8	51.1	51.4	51.5
GE 1200	41.7	42.7	45.3	46.8	49.8	49.9	51.6	52.3	52.5	53.2	53.5	53.6	54.5	54.8	55.1	55.2
GE 1000	47.9	49.1	52.6	54.6	58.4	58.6	61.0	62.2	62.4	63.5	64.0	64.0	65.1	65.4	65.7	65.9
GE 900	48.5	49.8	53.5	55.5	59.4	59.6	62.0	63.3	63.5	64.6	65.1	65.1	66.2	66.5	66.8	67.0
GE 800	51.0	52.4	56.5	58.7	63.1	63.4	66.3	67.8	68.0	69.2	69.8	69.9	71.0	71.3	71.6	71.8
GE 700	53.3	54.8	59.1	61.8	66.5	66.8	70.4	72.1	72.4	73.8	74.5	74.5	75.7	76.1	76.4	76.5
GE 600	55.4	57.2	61.9	64.8	69.9	70.3	74.2	76.2	76.5	78.3	79.0	79.0	80.2	80.6	80.9	81.0
GE 500	57.8	59.8	65.3	68.8	74.6	75.2	80.1	82.3	82.7	85.3	86.6	86.6	88.1	88.5	88.9	89.1
GE 400	59.0	61.1	67.5	71.3	77.6	78.2	83.5	85.9	86.4	89.3	90.8	90.8	92.4	92.9	93.3	93.4
GE 300	59.5	61.7	68.3	72.4	79.0	79.7	85.3	87.8	88.3	91.5	93.1	93.2	95.1	95.8	96.4	96.7
GE 200	59.6	61.8	68.5	72.6	79.3	80.0	85.8	88.3	88.8	92.4	94.2	94.2	96.6	97.5	98.4	99.0
GE 100	59.6	61.8	68.5	72.6	79.3	80.0	85.8	88.3	88.9	92.4	94.4	94.4	96.9	98.0	99.0	99.8
GE 000	59.6	61.8	68.5	72.6	79.3	80.0	85.8	88.3	88.9	92.4	94.4	94.4	96.9	98.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7099

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.6	26.6	26.6	26.7	26.8	26.8	27.1	27.2	27.3	28.4	28.5	28.5	28.6	28.6	28.7	28.7
GE 20000	28.7	28.7	28.7	28.8	29.0	29.0	29.2	29.3	29.4	30.5	30.6	30.6	30.7	30.7	30.9	30.9
GE 18000	29.7	29.7	29.7	29.8	29.9	29.9	30.1	30.3	30.4	31.4	31.6	31.6	31.7	31.7	31.8	31.8
GE 16000	29.7	29.7	29.7	29.8	29.9	29.9	30.1	30.3	30.4	31.4	31.6	31.6	31.7	31.7	31.8	31.8
GE 14000	30.4	30.4	30.4	30.5	30.6	30.6	30.9	31.0	31.1	32.2	32.3	32.3	32.4	32.4	32.5	32.5
GE 12000	31.4	31.4	31.4	31.6	31.7	31.7	31.9	32.0	32.2	33.2	33.3	33.3	33.5	33.5	33.6	33.6
GE 10000	33.1	33.1	33.1	33.2	33.3	33.3	33.6	33.8	33.9	35.1	35.2	35.2	35.3	35.3	35.6	35.6
GE 9000	34.4	34.4	34.4	34.5	34.6	34.6	34.9	35.1	35.2	36.4	36.6	36.6	36.8	36.8	37.1	37.1
GE 8000	36.5	36.5	36.5	36.6	36.8	36.8	37.0	37.2	37.4	38.5	38.8	38.8	38.9	38.9	39.2	39.2
GE 7000	37.0	37.0	37.0	37.1	37.2	37.2	37.5	37.7	37.8	39.0	39.2	39.2	39.4	39.4	39.7	39.7
GE 6000	39.6	39.6	39.7	39.8	40.0	40.0	40.2	40.5	40.7	41.8	42.1	42.1	42.2	42.2	42.6	42.6
GE 5000	41.8	41.8	42.0	42.2	42.3	42.3	42.6	42.9	43.0	44.2	44.4	44.4	44.6	44.6	44.9	44.9
GE 4500	42.0	42.0	42.1	42.3	42.4	42.4	42.7	43.0	43.1	44.3	44.6	44.6	44.7	44.7	45.0	45.0
GE 4000	44.0	44.0	44.1	44.3	44.4	44.4	44.7	45.0	45.2	46.3	46.6	46.6	46.7	46.7	47.0	47.0
GE 3500	44.4	44.4	44.6	44.8	44.9	44.9	45.2	45.5	45.6	46.8	47.0	47.0	47.2	47.2	47.5	47.5
GE 3000	45.6	45.6	45.7	46.0	46.1	46.1	46.5	46.8	46.9	48.1	48.3	48.3	48.5	48.5	48.8	48.8
GE 2500	46.6	46.6	46.7	46.9	47.0	47.0	47.4	47.8	47.9	49.1	49.3	49.3	49.4	49.4	49.8	49.8
GE 2000	47.6	47.6	47.8	48.0	48.1	48.1	48.5	48.8	48.9	50.1	50.4	50.4	50.5	50.5	50.8	50.8
GE 1800	48.0	48.0	48.2	48.5	48.6	48.6	48.9	49.3	49.4	50.6	50.8	50.8	50.9	50.9	51.3	51.3
GE 1500	50.1	50.1	50.5	50.7	50.8	50.8	51.2	51.5	51.7	52.8	53.1	53.1	53.2	53.2	53.5	53.5
GE 1200	51.7	51.9	52.4	52.7	52.8	52.8	53.2	53.5	53.7	54.8	55.1	55.1	55.2	55.2	55.6	55.6
GE 1000	55.6	55.9	56.6	57.1	57.4	57.4	57.9	58.4	58.5	59.7	59.9	59.9	60.0	60.0	60.4	60.4
GE 900	55.8	56.1	56.9	57.3	57.7	57.7	58.2	58.6	58.7	59.9	60.2	60.2	60.3	60.3	60.6	60.6
GE 800	56.9	57.3	58.3	58.9	59.5	59.5	59.9	60.4	60.5	61.7	61.9	61.9	62.1	62.1	62.4	62.4
GE 700	58.2	58.9	59.8	60.5	61.2	61.2	61.9	62.4	62.5	63.8	64.1	64.1	64.2	64.2	64.5	64.5
GE 600	60.0	60.8	61.7	62.5	63.6	63.6	64.4	65.1	65.2	66.7	66.9	66.9	67.0	67.0	67.4	67.4
GE 500	63.6	65.1	66.4	67.5	69.4	69.4	70.8	72.1	72.2	73.8	74.0	74.0	74.2	74.2	74.6	74.7
GE 400	65.0	66.9	68.9	70.3	72.6	72.8	75.2	77.5	77.9	79.8	80.1	80.1	80.6	80.6	81.6	81.8
GE 300	66.2	68.4	70.9	72.3	75.2	75.4	78.5	81.4	81.8	84.4	85.3	85.3	86.3	86.4	88.3	88.9
GE 200	66.3	68.7	71.2	72.6	75.5	75.8	79.1	82.7	83.2	86.8	88.9	88.9	90.8	91.7	95.9	97.2
GE 100	66.3	68.7	71.2	72.6	75.5	75.8	79.1	82.7	83.2	86.8	88.9	88.9	90.9	91.8	96.7	99.2
GE 000	66.3	68.7	71.2	72.6	75.5	75.8	79.1	82.7	83.2	86.8	88.9	88.9	90.9	91.8	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	24.4	24.4	24.5	24.5	24.7	24.7	25.2	25.6	25.6	25.8	25.9	26.0	26.4	26.7	27.1	27.2
GE 20000	25.4	25.4	25.6	25.6	25.8	25.8	26.3	26.6	26.6	27.0	27.1	27.2	27.6	27.9	28.3	28.4
GE 18000	25.7	25.7	25.8	25.8	26.0	26.0	26.5	26.9	26.9	27.2	27.3	27.5	27.8	28.2	28.5	28.6
GE 16000	25.7	25.7	25.8	25.8	26.0	26.0	26.5	26.9	26.9	27.2	27.3	27.5	27.8	28.2	28.5	28.6
GE 14000	26.6	26.6	26.7	26.7	27.2	27.2	27.7	28.0	28.0	28.4	28.5	28.6	29.0	29.3	29.7	29.8
GE 12000	29.1	29.1	29.2	29.2	29.7	29.7	30.2	30.5	30.5	30.9	31.0	31.1	31.5	31.8	32.2	32.3
GE 10000	30.5	30.5	30.7	30.7	31.1	31.1	31.6	32.0	32.0	32.3	32.4	32.5	32.9	33.3	33.6	33.7
GE 9000	31.4	31.4	31.5	31.5	32.0	32.0	32.4	32.8	32.8	33.1	33.3	33.4	33.7	34.1	34.4	34.6
GE 8000	34.1	34.1	34.3	34.3	34.8	34.8	35.3	35.6	35.6	36.0	36.1	36.2	36.6	36.9	37.3	37.4
GE 7000	34.8	34.8	35.0	35.0	35.5	35.5	36.0	36.3	36.3	36.7	36.8	36.9	37.3	37.6	38.0	38.1
GE 6000	37.0	37.0	37.4	37.4	37.9	37.9	38.3	38.7	38.7	39.1	39.2	39.3	39.6	40.0	40.4	40.5
GE 5000	40.2	40.2	40.6	40.6	41.1	41.1	41.5	41.9	41.9	42.2	42.4	42.5	43.0	43.3	43.7	43.8
GE 4500	40.4	40.4	40.7	40.7	41.2	41.2	41.7	42.0	42.0	42.4	42.5	42.6	43.1	43.4	43.8	43.9
GE 4000	41.7	41.7	42.0	42.0	42.5	42.5	43.0	43.3	43.3	43.7	43.8	43.9	44.4	44.7	45.1	45.2
GE 3500	41.8	41.8	42.1	42.1	42.6	42.6	43.1	43.4	43.4	43.8	43.9	44.0	44.5	44.9	45.2	45.3
GE 3000	43.7	43.7	44.1	44.1	44.6	44.6	45.1	45.4	45.4	45.8	45.9	46.0	46.5	46.9	47.2	47.3
GE 2500	44.3	44.3	44.7	44.7	45.2	45.2	45.7	46.0	46.0	46.4	46.5	46.6	47.1	47.5	47.8	47.9
GE 2000	44.9	44.9	45.3	45.3	45.8	45.8	46.3	46.6	46.6	47.0	47.1	47.2	47.7	48.0	48.4	48.5
GE 1800	45.1	45.1	45.6	45.6	46.0	46.0	46.5	46.9	46.9	47.2	47.3	47.5	47.9	48.3	48.6	48.8
GE 1500	46.4	46.6	47.2	47.2	47.7	47.7	48.2	48.5	48.5	48.9	49.0	49.1	49.6	49.9	50.3	50.4
GE 1200	48.5	48.8	50.1	50.3	50.8	50.8	51.2	51.6	51.6	52.0	52.1	52.2	52.7	53.0	53.4	53.5
GE 1000	49.7	50.2	51.6	51.8	52.5	52.5	53.1	53.6	53.6	54.0	54.1	54.2	54.7	55.0	55.4	55.5
GE 900	49.9	50.4	51.8	52.1	52.8	52.8	53.4	53.8	53.8	54.2	54.3	54.4	54.9	55.3	55.6	55.7
GE 800	50.5	51.2	52.8	53.4	54.1	54.1	54.8	55.4	55.4	55.7	55.9	56.0	56.4	56.8	57.2	57.3
GE 700	52.1	52.9	54.4	55.1	56.6	56.6	57.6	58.3	58.3	58.7	58.9	59.1	59.5	59.9	60.2	60.4
GE 600	54.6	55.4	57.2	58.0	60.0	60.1	61.7	62.5	62.5	62.8	63.1	63.2	63.7	64.0	64.4	64.5
GE 500	58.5	59.4	62.0	63.7	66.6	66.9	69.1	70.3	70.3	71.6	72.0	72.1	72.7	73.0	73.4	73.5
GE 400	60.4	61.7	64.9	66.6	70.1	70.4	74.2	76.0	76.2	78.8	79.4	79.5	80.7	81.1	81.7	81.8
GE 300	61.2	62.5	66.4	68.2	72.7	73.4	78.5	81.2	81.4	84.5	85.9	86.0	88.2	88.5	89.2	89.5
GE 200	61.5	63.0	66.9	68.6	73.4	74.1	79.5	83.0	83.4	86.9	89.5	89.6	93.3	94.6	96.9	97.8
GE 100	61.5	63.0	66.9	68.6	73.4	74.1	79.5	83.0	83.4	86.9	89.8	89.9	93.6	95.0	98.1	99.5
GE 000	61.5	63.0	66.9	68.6	73.4	74.1	79.5	83.0	83.4	86.9	89.8	89.9	93.6	95.0	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 845

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.7	27.0	27.3	27.3	27.3	27.3	27.7	27.7	27.8	28.0	28.0	28.0	28.1	28.4	28.5	28.6
GE 20000	27.8	28.0	28.4	28.4	28.4	28.4	28.7	28.7	28.8	29.1	29.1	29.1	29.2	29.4	29.5	29.6
GE 18000	27.8	28.0	28.4	28.4	28.4	28.4	28.7	28.7	28.8	29.1	29.1	29.1	29.2	29.4	29.5	29.6
GE 16000	27.9	28.1	28.5	28.5	28.5	28.5	28.8	28.8	28.9	29.2	29.2	29.2	29.3	29.5	29.6	29.8
GE 14000	28.4	28.6	28.9	28.9	28.9	28.9	29.3	29.3	29.4	29.6	29.6	29.6	29.8	30.0	30.1	30.2
GE 12000	29.1	29.3	29.6	29.6	29.6	29.6	30.0	30.0	30.1	30.3	30.3	30.3	30.5	30.7	30.8	30.9
GE 10000	30.3	30.6	30.9	30.9	30.9	30.9	31.3	31.3	31.5	31.7	31.7	31.7	31.9	32.1	32.2	32.3
GE 9000	30.9	31.2	31.5	31.5	31.5	31.5	31.9	31.9	32.1	32.3	32.3	32.3	32.4	32.7	32.8	32.9
GE 8000	35.0	35.2	35.6	35.6	35.6	35.6	35.9	35.9	36.2	36.4	36.4	36.4	36.6	37.0	37.1	37.2
GE 7000	36.8	37.0	37.3	37.3	37.3	37.3	37.7	37.7	37.9	38.2	38.2	38.2	38.4	38.7	38.9	39.0
GE 6000	38.4	38.6	39.0	39.0	39.0	39.0	39.3	39.3	39.6	39.8	39.8	39.8	40.0	40.4	40.5	40.6
GE 5000	41.3	41.7	42.1	42.1	42.1	42.1	42.5	42.5	42.7	42.9	43.1	43.1	43.3	43.6	43.8	43.9
GE 4500	41.3	41.7	42.1	42.1	42.1	42.1	42.5	42.5	42.7	42.9	43.1	43.1	43.3	43.6	43.8	43.9
GE 4000	42.5	42.8	43.3	43.3	43.3	43.3	43.6	43.6	43.9	44.1	44.2	44.2	44.5	44.8	44.9	45.0
GE 3500	43.1	43.4	43.9	43.9	43.9	43.9	44.2	44.2	44.5	44.7	44.8	44.8	45.0	45.4	45.5	45.6
GE 3000	43.8	44.1	44.6	44.6	44.6	44.6	44.9	44.9	45.2	45.4	45.5	45.5	45.7	46.1	46.2	46.3
GE 2500	44.5	44.8	45.3	45.3	45.3	45.3	45.6	45.6	45.9	46.1	46.2	46.2	46.4	46.8	46.9	47.0
GE 2000	45.3	45.6	46.1	46.1	46.1	46.1	46.4	46.4	46.7	46.9	47.0	47.0	47.3	47.6	47.7	47.8
GE 1800	45.4	45.7	46.2	46.2	46.2	46.2	46.6	46.6	46.8	47.0	47.1	47.1	47.4	47.7	47.8	48.0
GE 1500	47.3	47.6	48.1	48.1	48.1	48.1	48.4	48.4	48.7	48.9	49.0	49.0	49.2	49.6	49.7	49.8
GE 1200	48.7	49.1	49.7	49.8	49.8	49.8	50.2	50.2	50.4	50.6	50.8	50.8	51.0	51.3	51.5	51.6
GE 1000	50.6	51.3	52.2	52.3	52.4	52.4	52.9	53.1	53.3	53.7	53.8	53.8	54.0	54.4	54.5	54.6
GE 900	51.0	51.7	52.5	52.6	52.7	52.7	53.2	53.4	53.7	54.0	54.1	54.1	54.4	54.7	54.8	55.0
GE 800	52.5	53.2	54.3	54.4	54.7	54.7	55.2	55.4	55.7	56.0	56.1	56.1	56.4	56.7	56.8	56.9
GE 700	54.5	55.4	56.9	57.1	57.8	57.8	58.6	58.8	59.0	59.4	59.5	59.5	59.7	60.1	60.2	60.3
GE 600	57.9	58.8	60.7	60.8	62.2	62.2	63.1	63.4	63.7	64.1	64.2	64.3	64.6	65.0	65.1	65.2
GE 500	61.4	62.4	65.3	65.9	69.3	69.4	71.5	71.9	72.3	73.0	73.4	73.5	74.2	74.6	74.7	74.8
GE 400	63.5	65.0	68.5	69.8	74.0	74.2	77.2	78.5	79.1	80.4	81.0	81.1	82.1	82.6	82.7	83.0
GE 300	64.4	66.0	70.4	72.0	77.0	77.2	80.7	83.5	84.4	86.1	87.9	88.0	89.8	90.4	90.5	91.0
GE 200	64.5	66.4	70.9	72.7	77.8	78.1	82.0	85.2	86.6	88.8	91.7	91.8	95.3	96.6	97.4	98.4
GE 100	64.6	66.5	71.1	72.8	77.9	78.2	82.1	85.3	86.7	88.9	91.8	91.9	95.8	97.2	98.4	99.9
GE 000	64.6	66.5	71.1	72.8	77.9	78.2	82.1	85.3	86.7	88.9	91.8	91.9	95.8	97.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 857

D - 2 - 48

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.5	29.5	29.6	29.6	29.9	29.9	29.9	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 20000	31.0	31.0	31.2	31.2	31.4	31.4	31.4	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 18000	31.2	31.2	31.3	31.3	31.5	31.5	31.5	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6
GE 16000	31.2	31.2	31.3	31.3	31.5	31.5	31.5	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6
GE 14000	32.2	32.2	32.3	32.3	32.6	32.6	32.6	32.6	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 12000	32.9	32.9	33.0	33.0	33.3	33.3	33.3	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 10000	34.2	34.2	34.3	34.3	34.5	34.5	34.5	34.5	34.5	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 9000	34.5	34.5	34.7	34.7	34.9	34.9	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 8000	38.3	38.3	38.4	38.4	38.6	38.6	38.6	38.6	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 7000	39.3	39.3	39.4	39.4	39.7	39.7	39.7	39.7	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 6000	41.7	41.7	41.8	41.8	42.0	42.0	42.0	42.0	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 5000	43.9	43.9	44.0	44.0	44.2	44.2	44.2	44.2	44.2	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 4500	44.5	44.5	44.6	44.6	44.8	44.8	44.8	44.8	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 4000	45.9	45.9	46.0	46.0	46.2	46.2	46.2	46.2	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 3500	46.8	46.8	46.9	46.9	47.1	47.1	47.1	47.1	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 3000	47.4	47.5	47.6	47.6	47.8	47.8	48.0	48.0	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 2500	47.5	47.6	47.7	47.7	48.0	48.0	48.1	48.1	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 2000	48.4	48.5	48.7	48.7	48.9	48.9	49.0	49.0	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 1800	48.5	48.7	48.8	48.8	49.0	49.0	49.1	49.1	49.1	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 1500	50.9	51.0	51.1	51.1	51.5	51.5	51.6	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 1200	53.1	53.3	53.7	54.0	54.4	54.4	54.5	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 1000	58.6	59.0	60.0	60.3	60.8	60.8	60.9	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 900	58.6	59.0	60.0	60.3	60.9	60.9	61.1	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 800	60.4	60.9	62.5	62.9	63.9	63.9	64.3	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 700	63.1	63.6	65.7	66.2	67.6	67.6	68.0	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 600	67.3	68.1	71.1	72.0	73.5	73.5	74.3	74.7	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 500	70.8	71.8	75.6	76.9	79.5	79.5	81.0	81.3	81.6	81.9	81.9	81.9	82.0	82.0	82.0	82.0
GE 400	72.8	74.2	79.0	80.6	83.8	83.8	85.4	86.5	86.7	87.6	87.6	87.6	87.7	87.7	87.7	87.7
GE 300	75.0	76.5	82.4	84.6	88.8	88.9	91.4	92.9	93.5	94.5	94.7	94.7	94.9	95.0	95.0	95.1
GE 200	75.6	77.1	83.3	85.5	90.3	90.4	93.1	94.7	95.7	97.3	98.2	98.2	98.7	99.1	99.2	99.3
GE 100	75.6	77.1	83.3	85.5	90.3	90.4	93.1	94.7	95.7	97.4	98.4	98.4	98.9	99.5	99.8	99.9
GE 000	75.6	77.1	83.3	85.5	90.3	90.4	93.1	94.7	95.7	97.4	98.4	98.4	98.9	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 857

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 20000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 18000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 16000	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 14000	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 12000	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 10000	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 9000	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 8000	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 7000	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 6000	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 5000	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 4500	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 4000	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 3500	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 3000	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 2500	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 2000	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 1800	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 1500	57.3	57.3	57.5	57.6	57.9	57.9	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 1200	60.7	60.7	61.3	61.5	62.0	62.0	62.2	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 1000	69.9	70.0	70.8	71.1	71.8	71.8	72.1	72.1	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 900	70.2	70.4	71.2	71.4	72.1	72.1	72.5	72.5	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 800	72.4	72.5	73.4	73.8	75.0	75.0	75.4	75.4	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 700	74.0	74.1	75.2	75.6	76.9	76.9	77.3	77.3	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 600	78.3	78.5	79.6	80.0	81.5	81.5	81.9	82.1	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.6
GE 500	83.1	83.6	85.2	86.1	87.8	87.8	88.4	88.5	88.7	89.0	89.1	89.1	89.1	89.1	89.1	89.1
GE 400	86.0	86.7	88.8	89.7	91.6	91.6	92.4	92.6	92.7	93.2	93.4	93.4	93.4	93.4	93.4	93.4
GE 300	87.8	88.9	91.6	92.8	95.7	95.7	97.3	97.5	97.6	98.1	98.3	98.3	98.3	98.3	98.3	98.3
GE 200	88.1	89.1	92.1	93.3	96.5	96.5	98.0	98.2	98.3	98.9	99.5	99.5	99.5	99.5	99.6	99.6
GE 100	88.1	89.1	92.1	93.3	96.5	96.5	98.0	98.2	98.3	98.9	99.5	99.5	99.5	99.6	100.0	100.0
GE 000	88.1	89.1	92.1	93.3	96.5	96.5	98.0	98.2	98.3	98.9	99.5	99.5	99.5	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 847

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 20000	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 18000	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 16000	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 14000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 12000	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 10000	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 9000	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 8000	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 7000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 6000	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 5000	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 4500	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 4000	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 3500	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 3000	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 2500	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 2000	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 1800	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 1500	60.0	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 1200	64.3	64.4	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 1000	71.0	71.1	71.5	72.1	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 900	71.1	71.2	71.7	72.2	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 800	73.8	73.9	74.4	75.1	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 700	76.8	76.9	77.5	78.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 600	80.8	81.0	81.6	82.4	83.5	83.5	83.6	83.6	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 500	86.3	86.7	87.5	88.6	89.8	89.8	89.9	89.9	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 400	89.0	89.3	90.2	91.5	92.6	92.6	92.7	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 300	90.4	90.9	92.4	93.8	95.8	95.8	96.4	96.6	96.6	97.0	97.0	97.0	97.2	97.2	97.2	97.2
GE 200	90.5	91.1	92.9	94.3	96.3	96.3	97.3	97.5	97.9	98.8	98.8	98.9	99.3	99.3	99.4	99.4
GE 100	90.5	91.1	92.9	94.3	96.3	96.3	97.3	97.5	97.9	98.8	98.8	98.9	99.5	99.9	100.0	100.0
GE 000	90.5	91.1	92.9	94.3	96.3	96.3	97.3	97.5	97.9	98.8	98.8	98.9	99.5	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 854

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.5	38.5	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 20000	40.7	40.7	40.7	40.7	40.8	40.8	40.8	40.8	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 18000	41.3	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 16000	41.3	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 14000	42.1	42.1	42.1	42.1	42.3	42.3	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 12000	43.9	43.9	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 10000	45.8	45.8	45.8	45.8	45.9	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 9000	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 8000	49.4	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 7000	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 6000	52.8	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 5000	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 4500	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 4000	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 3500	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 3000	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 2500	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 2000	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 1800	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 1500	60.8	60.8	60.8	60.8	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 1200	64.3	64.3	64.4	64.4	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 1000	70.0	70.1	70.9	71.0	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 900	70.4	70.5	71.4	71.5	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 800	72.4	72.5	73.5	73.6	74.2	74.2	74.2	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 700	75.7	75.8	76.8	77.0	77.6	77.6	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 600	78.2	78.3	79.6	79.9	80.5	80.6	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 500	83.0	83.2	84.9	85.2	86.4	86.5	86.7	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 400	86.3	86.6	88.6	89.2	90.6	90.7	91.1	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 300	87.8	88.1	90.5	91.2	93.7	93.8	94.7	95.1	95.2	95.9	96.0	96.0	96.2	96.2	96.2	96.2
GE 200	87.8	88.1	90.6	91.3	93.9	94.0	95.7	96.1	96.4	97.9	98.2	98.2	98.6	99.2	99.3	99.3
GE 100	87.8	88.1	90.6	91.3	93.9	94.0	95.7	96.1	96.4	97.9	98.2	98.2	98.6	99.2	99.5	99.9
GE 000	87.8	88.1	90.6	91.3	93.9	94.0	95.7	96.1	96.4	97.9	98.2	98.2	98.6	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 852

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.5	32.5	32.7	32.8	32.8	32.8	32.8	32.9	32.9	32.9	32.9	32.9	33.0	33.0	33.0	33.0
GE 20000	35.6	35.6	35.7	35.9	35.9	35.9	35.9	36.0	36.0	36.0	36.0	36.0	36.1	36.1	36.1	36.1
GE 18000	36.0	36.0	36.1	36.2	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.4	36.4	36.4	36.4
GE 16000	36.1	36.1	36.2	36.3	36.3	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.6	36.6	36.6	36.6
GE 14000	36.4	36.4	36.6	36.7	36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.9	36.9	36.9	36.9
GE 12000	38.5	38.5	38.6	38.7	38.7	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.9	38.9	38.9	38.9
GE 10000	40.6	40.6	40.7	40.8	40.8	40.8	40.8	40.9	40.9	40.9	40.9	40.9	41.1	41.1	41.1	41.1
GE 9000	42.4	42.4	42.5	42.6	42.6	42.6	42.6	42.7	42.7	42.7	42.8	42.8	43.0	43.0	43.0	43.0
GE 8000	45.7	45.7	45.8	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.2	46.2	46.3	46.3	46.3	46.3
GE 7000	46.9	46.9	47.0	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.3	47.3	47.5	47.5	47.5	47.5
GE 6000	49.6	49.6	49.7	49.8	49.8	49.8	49.8	49.9	49.9	49.9	50.1	50.1	50.2	50.2	50.2	50.2
GE 5000	51.2	51.2	51.4	51.5	51.5	51.5	51.5	51.6	51.6	51.6	51.7	51.7	51.8	51.8	51.8	51.8
GE 4500	51.7	51.7	51.8	52.0	52.0	52.0	52.0	52.1	52.1	52.1	52.2	52.2	52.3	52.3	52.3	52.3
GE 4000	53.3	53.3	53.4	53.5	53.5	53.5	53.5	53.6	53.6	53.6	53.7	53.7	53.8	53.8	53.8	53.8
GE 3500	53.4	53.4	53.5	53.6	53.6	53.6	53.6	53.7	53.7	53.7	53.8	53.8	54.0	54.0	54.0	54.0
GE 3000	55.3	55.3	55.4	55.5	55.5	55.5	55.5	55.6	55.6	55.7	55.9	55.9	56.0	56.0	56.0	56.0
GE 2500	55.5	55.5	55.6	55.7	55.7	55.7	55.7	55.9	55.9	56.0	56.1	56.1	56.2	56.2	56.2	56.2
GE 2000	56.2	56.2	56.4	56.6	56.6	56.6	56.6	56.7	56.7	56.8	56.9	56.9	57.0	57.0	57.0	57.0
GE 1800	56.7	56.7	56.9	57.0	57.0	57.0	57.0	57.2	57.2	57.3	57.4	57.4	57.5	57.5	57.5	57.5
GE 1500	57.6	57.6	57.9	58.0	58.1	58.1	58.1	58.2	58.2	58.3	58.5	58.5	58.6	58.6	58.6	58.6
GE 1200	60.6	60.7	60.9	61.1	61.3	61.4	61.4	61.5	61.5	61.7	61.8	61.8	61.9	61.9	61.9	61.9
GE 1000	65.1	65.2	65.6	65.7	66.2	66.3	66.3	66.4	66.4	66.5	66.6	66.6	66.7	66.7	66.7	66.7
GE 900	65.2	65.3	65.7	65.8	66.3	66.4	66.4	66.5	66.5	66.6	66.7	66.7	66.9	66.9	66.9	66.9
GE 800	66.9	67.0	67.5	67.7	68.2	68.3	68.3	68.4	68.4	68.5	68.6	68.6	68.8	68.8	68.8	68.8
GE 700	67.6	67.8	68.3	68.6	69.3	69.5	69.7	69.8	69.8	70.1	70.2	70.2	70.3	70.3	70.3	70.3
GE 600	69.6	69.9	70.7	71.1	72.1	72.2	72.8	72.9	72.9	73.3	73.4	73.4	73.5	73.5	73.5	73.5
GE 500	73.4	74.2	75.5	76.0	77.5	77.6	78.6	78.8	78.8	79.4	79.5	79.5	79.6	79.6	79.6	79.6
GE 400	76.4	77.6	79.4	80.2	82.1	82.2	83.8	84.4	84.4	85.3	85.7	85.7	85.8	85.8	85.8	85.8
GE 300	78.7	80.2	82.7	83.7	86.0	86.2	88.3	89.2	89.3	91.2	91.8	91.8	92.5	92.5	92.7	92.9
GE 200	78.8	80.4	83.0	84.0	86.5	86.6	89.1	90.1	90.3	93.3	94.4	94.6	96.2	97.2	98.1	98.5
GE 100	78.8	80.4	83.0	84.0	86.5	86.6	89.1	90.1	90.3	93.4	94.6	94.7	96.3	97.4	98.3	99.3
GE 000	78.8	80.4	83.0	84.0	86.5	86.6	89.1	90.1	90.3	93.4	94.6	94.7	96.3	97.4	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 845

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: - 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.0	32.1	32.1	32.2	32.3	32.3	32.4	32.5	32.5	32.7	32.8	32.8	32.9	32.9	33.0	33.0
GE 20000	33.8	33.8	33.9	33.9	34.0	34.0	34.2	34.2	34.3	34.5	34.5	34.5	34.6	34.7	34.8	34.8
GE 18000	34.1	34.1	34.2	34.2	34.3	34.3	34.5	34.5	34.6	34.8	34.8	34.9	34.9	35.0	35.1	35.1
GE 16000	34.1	34.2	34.3	34.3	34.4	34.4	34.5	34.6	34.6	34.9	34.9	34.9	35.0	35.1	35.1	35.2
GE 14000	34.9	34.9	35.0	35.0	35.1	35.1	35.2	35.3	35.4	35.6	35.6	35.6	35.7	35.8	35.9	35.9
GE 12000	36.2	36.2	36.3	36.3	36.4	36.4	36.6	36.6	36.7	36.9	36.9	36.9	37.0	37.1	37.2	37.2
GE 10000	37.9	37.9	38.0	38.0	38.1	38.1	38.2	38.3	38.4	38.6	38.7	38.7	38.8	38.8	38.9	39.0
GE 9000	38.9	38.9	39.0	39.0	39.1	39.1	39.3	39.4	39.4	39.7	39.7	39.7	39.8	39.9	40.0	40.0
GE 8000	41.7	41.7	41.8	41.8	42.0	42.0	42.1	42.2	42.2	42.5	42.6	42.6	42.7	42.8	42.9	42.9
GE 7000	42.8	42.9	43.0	43.0	43.1	43.1	43.2	43.3	43.4	43.6	43.7	43.7	43.8	43.9	44.0	44.0
GE 6000	45.1	45.1	45.3	45.3	45.4	45.4	45.6	45.7	45.7	46.0	46.0	46.0	46.1	46.2	46.3	46.4
GE 5000	47.1	47.2	47.3	47.3	47.5	47.5	47.6	47.7	47.7	48.0	48.1	48.1	48.2	48.3	48.4	48.4
GE 4500	47.4	47.5	47.7	47.7	47.8	47.8	47.9	48.1	48.1	48.4	48.4	48.4	48.6	48.7	48.8	48.8
GE 4000	48.7	48.7	48.9	48.9	49.0	49.0	49.2	49.3	49.3	49.6	49.7	49.7	49.8	49.9	50.0	50.0
GE 3500	49.2	49.2	49.4	49.4	49.6	49.6	49.7	49.8	49.8	50.1	50.2	50.2	50.3	50.4	50.5	50.5
GE 3000	50.4	50.5	50.6	50.7	50.8	50.8	51.0	51.1	51.1	51.4	51.5	51.5	51.6	51.7	51.8	51.8
GE 2500	50.9	51.0	51.1	51.2	51.3	51.3	51.4	51.6	51.6	51.9	51.9	52.0	52.1	52.2	52.3	52.3
GE 2000	51.7	51.7	51.9	51.9	52.1	52.1	52.2	52.3	52.4	52.7	52.7	52.8	52.9	53.0	53.1	53.1
GE 1800	52.0	52.0	52.2	52.3	52.4	52.4	52.6	52.7	52.7	53.0	53.1	53.1	53.2	53.3	53.4	53.4
GE 1500	53.8	53.9	54.2	54.2	54.4	54.4	54.6	54.7	54.8	55.1	55.2	55.2	55.3	55.4	55.5	55.5
GE 1200	56.5	56.7	57.1	57.3	57.6	57.6	57.8	57.9	58.0	58.3	58.3	58.4	58.5	58.6	58.7	58.7
GE 1000	61.3	61.6	62.4	62.7	63.2	63.2	63.5	63.7	63.7	64.0	64.1	64.1	64.3	64.3	64.4	64.5
GE 900	61.5	61.8	62.6	62.9	63.5	63.5	63.7	63.9	64.0	64.3	64.4	64.4	64.5	64.6	64.7	64.7
GE 800	63.2	63.6	64.6	65.0	65.7	65.7	66.0	66.3	66.3	66.6	66.7	66.7	66.9	66.9	67.0	67.1
GE 700	65.3	65.7	66.8	67.3	68.3	68.3	68.8	69.0	69.1	69.4	69.5	69.5	69.7	69.7	69.9	69.9
GE 600	68.3	68.9	70.3	70.9	72.1	72.2	72.9	73.2	73.2	73.7	73.8	73.8	74.0	74.0	74.1	74.2
GE 500	72.5	73.3	75.3	76.2	78.3	78.4	79.5	80.0	80.1	80.8	80.9	80.9	81.2	81.3	81.4	81.4
GE 400	74.9	76.0	78.5	79.8	82.2	82.3	84.0	85.0	85.2	86.2	86.5	86.5	86.9	87.0	87.2	87.3
GE 300	76.5	77.7	80.9	82.3	85.6	85.8	88.2	89.7	90.0	91.5	92.1	92.2	92.9	93.1	93.4	93.6
GE 200	76.7	78.0	81.4	82.8	86.3	86.5	89.2	91.0	91.5	93.6	94.9	95.0	96.5	97.1	98.2	98.7
GE 100	76.7	78.0	81.4	82.8	86.3	86.5	89.3	91.0	91.5	93.6	95.0	95.1	96.7	97.5	98.9	99.7
GE 000	76.7	78.0	81.4	82.8	86.3	86.5	89.3	91.0	91.5	93.6	95.0	95.1	96.7	97.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6803

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.2	30.2	30.3	30.4	30.5	30.5	30.7	30.7	30.8	30.8	30.8	30.8	30.8	30.9	30.9	31.0
GE 20000	32.2	32.2	32.4	32.5	32.6	32.6	32.7	32.7	32.8	32.8	32.8	32.8	32.8	32.9	32.9	33.0
GE 18000	32.8	32.8	32.9	33.0	33.1	33.1	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.5	33.5	33.6
GE 16000	32.9	32.9	33.0	33.1	33.3	33.3	33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.6	33.6	33.7
GE 14000	33.0	33.0	33.3	33.4	33.5	33.5	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.8	33.8	33.9
GE 12000	34.0	34.0	34.3	34.4	34.5	34.5	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.8	34.8	35.0
GE 10000	37.4	37.4	37.7	37.8	37.9	37.9	38.0	38.0	38.1	38.2	38.2	38.2	38.2	38.3	38.3	38.5
GE 9000	37.9	37.9	38.1	38.2	38.3	38.3	38.5	38.5	38.6	38.7	38.7	38.7	38.7	38.8	38.8	38.9
GE 8000	40.8	40.8	41.2	41.3	41.4	41.4	41.5	41.5	41.6	41.7	41.7	41.7	41.7	41.8	41.9	42.0
GE 7000	43.9	43.9	44.2	44.3	44.5	44.5	44.6	44.6	44.7	44.8	44.8	44.8	44.8	44.9	44.9	45.0
GE 6000	45.9	45.9	46.3	46.4	46.5	46.5	46.6	46.6	46.7	46.8	46.8	46.8	46.8	46.9	46.9	47.1
GE 5000	48.5	48.5	48.9	49.0	49.1	49.1	49.2	49.2	49.3	49.4	49.4	49.4	49.4	49.5	49.5	49.7
GE 4500	48.8	48.8	49.1	49.2	49.3	49.3	49.4	49.4	49.5	49.7	49.7	49.7	49.7	49.8	49.8	49.9
GE 4000	50.9	50.9	51.4	51.5	51.6	51.6	51.7	51.7	51.8	51.9	51.9	51.9	51.9	52.0	52.0	52.1
GE 3500	51.4	51.4	52.1	52.4	52.5	52.5	52.6	52.6	52.7	52.8	52.8	52.8	52.8	52.9	52.9	53.1
GE 3000	54.0	54.0	55.0	55.2	55.3	55.3	55.4	55.4	55.5	55.8	55.8	55.8	55.8	55.9	55.9	56.0
GE 2500	55.0	55.0	56.0	56.2	56.3	56.3	56.4	56.4	56.6	56.8	56.8	56.8	56.8	56.9	56.9	57.0
GE 2000	57.0	57.0	58.1	58.4	58.7	58.7	58.8	58.8	58.9	59.2	59.2	59.2	59.2	59.3	59.3	59.4
GE 1800	57.1	57.1	58.3	58.5	58.8	58.8	58.9	58.9	59.0	59.3	59.3	59.3	59.3	59.4	59.4	59.5
GE 1500	59.4	59.4	60.6	60.9	61.2	61.2	61.3	61.3	61.4	61.7	61.7	61.7	61.7	61.8	61.8	61.9
GE 1200	59.7	60.0	61.2	61.4	61.8	61.9	62.0	62.0	62.1	62.3	62.3	62.3	62.3	62.4	62.4	62.6
GE 1000	61.1	61.5	63.0	63.2	63.8	63.9	64.0	64.0	64.1	64.4	64.4	64.4	64.4	64.5	64.5	64.6
GE 900	61.7	62.3	63.8	64.0	64.6	64.7	64.8	64.8	64.9	65.2	65.2	65.2	65.2	65.3	65.3	65.4
GE 800	64.1	64.8	66.3	66.5	67.2	67.3	67.4	67.4	67.5	67.8	67.8	67.8	67.8	67.9	67.9	68.0
GE 700	65.4	66.1	67.6	67.9	68.6	68.7	68.8	68.8	68.9	69.1	69.1	69.1	69.1	69.2	69.2	69.3
GE 600	67.6	68.4	70.2	70.5	71.4	71.5	71.6	71.6	71.7	71.9	71.9	71.9	71.9	72.1	72.1	72.2
GE 500	69.9	70.8	73.1	73.9	75.3	75.7	76.5	76.6	76.8	77.0	77.0	77.0	77.0	77.1	77.1	77.3
GE 400	71.3	72.3	74.9	75.8	77.6	77.9	79.3	79.4	79.6	80.5	80.8	80.8	80.9	81.1	81.1	81.2
GE 300	71.6	72.6	75.6	76.6	78.4	78.8	80.4	80.8	81.1	82.4	83.3	83.3	84.4	84.8	85.0	85.2
GE 200	71.9	73.1	76.4	77.4	79.2	79.6	81.6	82.0	82.5	84.8	86.7	87.0	89.8	91.6	93.3	95.4
GE 100	72.1	73.2	76.5	77.5	79.3	79.8	81.8	82.2	82.9	85.3	87.1	87.4	90.7	93.2	95.4	99.5
GE 000	72.1	73.2	76.5	77.5	79.3	79.8	81.8	82.2	82.9	85.3	87.1	87.4	90.7	93.2	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS 884

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.5	24.6	24.6	24.6	24.6	24.6	24.8	24.8
GE 20000	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.9	26.1	26.1	26.1	26.1	26.1	26.3	26.3
GE 18000	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	26.1	26.2	26.2	26.2	26.2	26.2	26.4	26.4
GE 16000	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	26.2	26.3	26.3	26.3	26.3	26.3	26.5	26.5
GE 14000	26.3	26.3	26.3	26.4	26.4	26.4	26.4	26.4	26.6	26.8	26.8	26.8	26.8	26.8	27.0	27.0
GE 12000	27.9	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.2	28.4	28.4	28.4	28.4	28.4	28.6	28.6
GE 10000	33.4	33.4	33.4	33.5	33.5	33.5	33.5	33.5	37.8	33.9	33.9	33.9	33.9	33.9	34.1	34.1
GE 9000	34.8	34.8	34.8	34.9	34.9	35.0	35.0	35.0	35.2	35.4	35.4	35.4	35.4	35.4	35.6	35.6
GE 8000	36.6	36.7	37.0	37.1	37.2	37.3	37.3	37.3	37.5	37.7	37.7	37.7	37.7	37.7	37.9	37.9
GE 7000	38.0	38.2	38.5	38.6	38.7	38.8	38.9	38.9	39.2	39.3	39.3	39.3	39.3	39.3	39.5	39.5
GE 6000	41.6	41.8	42.0	42.1	42.3	42.4	42.5	42.5	42.7	42.8	42.8	42.8	42.8	42.8	43.1	43.1
GE 5000	45.2	45.5	45.8	45.9	46.0	46.2	46.3	46.3	46.5	46.6	46.6	46.6	46.6	46.6	46.8	46.8
GE 4500	45.5	45.8	46.3	46.4	46.5	46.6	46.7	46.7	47.0	47.1	47.1	47.1	47.1	47.1	47.3	47.3
GE 4000	47.5	47.9	48.3	48.5	48.6	48.7	48.8	48.8	49.0	49.1	49.1	49.1	49.1	49.1	49.4	49.4
GE 3500	48.0	48.3	48.9	49.0	49.1	49.3	49.4	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.9	49.9
GE 3000	49.1	49.5	50.1	50.2	50.3	50.5	50.6	50.6	50.9	51.0	51.0	51.0	51.0	51.0	51.2	51.2
GE 2500	49.8	50.2	50.7	50.9	51.0	51.2	51.3	51.3	51.5	51.7	51.7	51.7	51.7	51.7	51.9	51.9
GE 2000	51.0	51.4	52.1	52.2	52.4	52.6	52.7	52.7	52.9	53.0	53.0	53.0	53.0	53.0	53.3	53.3
GE 1800	51.2	51.7	52.4	52.5	52.6	52.8	52.9	52.9	53.2	53.3	53.3	53.3	53.3	53.3	53.5	53.5
GE 1500	53.0	53.7	54.5	54.6	54.9	55.1	55.2	55.2	55.5	55.6	55.6	55.6	55.6	55.6	55.8	55.8
GE 1200	53.6	54.3	55.1	55.2	55.5	55.7	55.9	55.9	56.1	56.3	56.3	56.3	56.3	56.3	56.5	56.5
GE 1000	55.9	56.7	57.6	58.0	58.2	58.4	58.7	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.2	59.2
GE 900	56.3	57.1	58.0	58.3	58.6	58.8	59.0	59.0	59.2	59.4	59.4	59.4	59.4	59.4	59.6	59.6
GE 800	57.3	58.1	59.1	59.5	59.7	59.9	60.3	60.3	60.6	60.7	60.7	60.7	60.7	60.7	61.0	61.0
GE 700	59.2	60.0	61.2	61.5	61.8	62.1	62.5	62.5	62.8	63.0	63.0	63.0	63.0	63.0	63.3	63.3
GE 600	61.1	61.9	63.5	63.9	64.3	64.6	65.1	65.1	65.4	65.7	65.7	65.7	65.7	65.7	65.9	65.9
GE 500	64.5	65.4	67.9	68.4	69.7	70.1	70.7	70.8	71.2	71.5	71.5	71.5	71.5	71.5	71.8	71.8
GE 400	66.5	67.4	69.9	70.5	72.0	72.7	73.2	73.7	74.3	75.1	75.2	75.2	75.4	75.7	75.9	75.9
GE 300	67.0	68.1	70.6	71.2	73.2	74.3	75.4	76.8	77.6	79.2	80.5	80.5	81.4	82.1	82.7	82.9
GE 200	67.3	68.4	71.0	71.5	73.8	74.9	76.5	78.5	79.9	82.3	84.6	84.6	87.7	89.6	92.1	93.2
GE 100	67.3	68.4	71.0	71.5	73.8	74.9	76.5	78.5	79.9	82.4	84.8	84.8	88.3	91.3	95.4	99.3
GE 000	67.3	68.4	71.0	71.5	73.8	74.9	76.5	78.5	79.9	82.4	84.8	84.8	88.3	91.3	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 871

D - 2 - 56

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.0	26.1	26.1	26.2	26.2	26.2	26.2	26.2	26.3	26.4	26.6	26.6	26.6	26.7	26.7	26.7
GE 20000	27.4	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.7	27.9	28.1	28.1	28.1	28.2	28.2	28.2
GE 18000	27.5	27.6	27.6	27.7	27.7	27.7	27.7	27.7	27.9	28.0	28.2	28.2	28.2	28.3	28.3	28.3
GE 16000	27.9	28.0	28.0	28.1	28.1	28.1	28.1	28.1	28.2	28.3	28.5	28.5	28.5	28.6	28.6	28.6
GE 14000	28.0	28.1	28.1	28.2	28.3	28.3	28.4	28.4	28.5	28.6	28.9	28.9	28.9	29.0	29.0	29.0
GE 12000	29.1	29.2	29.2	29.3	29.4	29.4	29.5	29.5	29.6	29.8	30.0	30.0	30.0	30.1	30.1	30.1
GE 10000	32.1	32.2	32.2	32.3	32.6	32.6	32.8	32.8	32.9	33.0	33.2	33.2	33.3	33.4	33.4	33.4
GE 9000	32.3	32.4	32.4	32.6	32.8	32.8	33.0	33.0	33.1	33.2	33.4	33.4	33.6	33.7	33.7	33.7
GE 8000	35.0	35.1	35.1	35.2	35.5	35.5	35.8	35.8	35.9	36.0	36.2	36.2	36.4	36.5	36.5	36.5
GE 7000	36.6	36.7	36.8	36.9	37.1	37.1	37.5	37.5	37.6	37.7	37.9	37.9	38.0	38.1	38.1	38.1
GE 6000	39.8	39.9	40.0	40.2	40.4	40.4	40.7	40.7	40.8	40.9	41.2	41.2	41.3	41.4	41.4	41.4
GE 5000	43.2	43.3	43.4	43.5	43.7	43.7	44.1	44.1	44.2	44.3	44.5	44.5	44.6	44.7	44.7	44.7
GE 4500	43.2	43.3	43.4	43.5	43.7	43.7	44.1	44.1	44.2	44.3	44.5	44.5	44.6	44.7	44.7	44.7
GE 4000	44.9	45.0	45.3	45.4	45.6	45.6	46.0	46.0	46.1	46.2	46.4	46.4	46.5	46.6	46.6	46.6
GE 3500	45.2	45.3	45.6	45.7	46.0	46.0	46.3	46.3	46.4	46.5	46.8	46.8	46.9	47.0	47.0	47.0
GE 3000	46.1	46.2	46.5	46.6	46.9	46.9	47.2	47.2	47.3	47.4	47.7	47.7	47.8	47.9	47.9	47.9
GE 2500	46.5	46.6	47.0	47.1	47.3	47.3	47.7	47.7	47.8	47.9	48.1	48.1	48.2	48.3	48.3	48.3
GE 2000	48.4	48.5	49.1	49.2	49.4	49.4	49.8	49.8	49.9	50.0	50.2	50.2	50.3	50.4	50.4	50.4
GE 1800	48.5	48.7	49.2	49.3	49.6	49.6	49.9	49.9	50.0	50.1	50.3	50.3	50.4	50.6	50.6	50.6
GE 1500	49.2	49.3	50.4	50.6	50.8	50.8	51.1	51.1	51.2	51.3	51.6	51.6	51.7	51.8	51.8	51.8
GE 1200	50.0	50.1	51.3	51.5	51.7	51.7	52.0	52.0	52.1	52.2	52.5	52.5	52.6	52.7	52.7	52.7
GE 1000	53.1	53.4	54.6	54.7	54.9	54.9	55.3	55.3	55.4	55.5	55.7	55.7	55.8	55.9	55.9	55.9
GE 900	53.5	53.7	54.9	55.0	55.3	55.3	55.6	55.6	55.7	55.8	56.0	56.0	56.2	56.3	56.3	56.3
GE 800	54.7	54.9	56.2	56.3	56.8	56.8	57.2	57.2	57.3	57.4	57.6	57.6	57.7	57.8	57.8	57.8
GE 700	56.7	57.0	58.7	58.8	59.6	59.6	60.0	60.0	60.1	60.2	60.4	60.4	60.5	60.6	60.6	60.6
GE 600	60.2	60.5	62.4	62.5	63.5	63.5	64.0	64.0	64.1	64.2	64.5	64.5	64.7	64.8	64.8	64.8
GE 500	64.8	65.4	68.7	68.8	70.1	70.2	71.3	71.3	71.4	71.6	72.0	72.0	72.5	72.7	72.7	72.7
GE 400	67.4	68.5	72.4	72.6	74.7	74.9	76.6	77.2	77.4	78.3	79.0	79.0	79.4	79.6	79.8	79.9
GE 300	68.9	70.2	74.7	75.2	77.6	77.9	80.5	81.9	82.4	84.8	86.1	86.1	87.1	87.8	88.3	88.4
GE 200	69.7	71.0	75.7	76.4	79.2	79.4	82.1	83.7	84.2	87.6	89.5	89.6	92.7	94.3	95.6	96.3
GE 100	69.7	71.0	75.7	76.4	79.2	79.4	82.1	83.7	84.3	87.7	89.9	90.0	93.6	95.4	97.5	99.3
GE 000	69.7	71.0	75.7	76.4	79.2	79.4	82.1	83.7	84.3	87.7	89.9	90.0	93.6	95.4	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 894

D - 2 - 57

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.1	31.1	31.1	31.1	31.1	31.1
GE 20000	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4
GE 18000	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0
GE 16000	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.2	35.2	35.2	35.2	35.2	35.2
GE 14000	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8
GE 12000	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4
GE 10000	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8
GE 9000	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2
GE 8000	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2
GE 7000	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6
GE 6000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1
GE 5000	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6
GE 4500	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8
GE 4000	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0
GE 3500	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0
GE 3000	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2
GE 2500	54.9	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3
GE 2000	57.2	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7
GE 1800	57.6	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2
GE 1500	58.9	59.0	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7
GE 1200	61.0	61.1	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8
GE 1000	67.5	67.6	68.8	68.9	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4
GE 900	67.1	67.8	69.1	69.2	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8
GE 800	69.4	69.5	70.8	70.9	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5
GE 700	70.7	70.9	72.3	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1
GE 600	72.7	73.1	74.7	74.8	75.5	75.5	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9
GE 500	76.7	77.2	79.5	79.8	80.7	80.7	81.1	81.4	81.4	81.4	81.6	81.6	81.7	81.7	81.7	81.7
GE 400	79.2	79.9	82.7	83.3	84.8	84.9	85.6	85.9	86.0	86.4	86.6	86.6	86.7	86.7	86.7	86.7
GE 300	80.9	81.6	85.3	86.5	88.9	89.3	90.8	91.9	92.3	93.8	94.5	94.7	94.9	94.9	94.9	94.9
GE 200	81.3	82.0	85.9	87.2	89.8	90.2	92.2	93.9	94.2	96.3	97.6	97.7	98.6	98.9	99.1	99.2
GE 100	81.3	82.0	85.9	87.2	89.8	90.2	92.2	93.9	94.2	96.5	98.1	98.2	99.1	99.5	99.9	100.0
GE 000	81.3	82.0	85.9	87.2	89.8	90.2	92.2	93.9	94.2	96.5	98.1	98.2	99.1	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 880

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 20000	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 18000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 16000	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 14000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 12000	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 10000	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 9000	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 8000	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 7000	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 6000	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 5000	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 4500	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 4000	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 3500	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 3000	63.2	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 2500	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 2000	65.8	65.8	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 1800	66.1	66.1	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 1500	68.4	68.4	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 1200	72.5	72.5	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 1000	80.9	80.9	81.5	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 900	80.9	80.9	81.5	81.6	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 800	82.5	82.5	83.1	83.2	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 700	84.2	84.4	85.1	85.4	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 600	86.1	86.3	87.0	87.2	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 500	90.0	90.6	91.6	92.1	92.3	92.3	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 400	91.7	92.4	94.2	94.7	94.9	95.0	95.5	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 300	93.1	93.8	95.9	96.7	97.5	97.6	98.2	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	93.1	93.8	95.9	96.8	97.6	97.7	98.3	98.6	98.6	99.5	99.5	99.5	99.9	99.9	99.9	99.9
GE 100	93.1	93.8	95.9	96.8	97.6	97.7	98.3	98.6	98.6	99.5	99.5	99.5	99.9	99.9	100.0	100.0
GE 000	93.1	93.8	95.9	96.8	97.6	97.7	98.3	98.6	98.6	99.5	99.5	99.5	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 868

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 20000	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 18000	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 16000	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 14000	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 12000	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 10000	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 9000	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 8000	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 7000	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 6000	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 5000	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 4500	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 4000	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 3500	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 3000	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 2500	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 2000	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 1800	72.0	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 1500	75.5	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 1200	79.8	79.9	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 1000	85.7	85.8	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 900	86.2	86.3	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 800	88.0	88.1	88.2	88.2	88.5	88.7	88.9	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 700	89.2	89.3	89.5	89.5	89.7	90.0	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 600	91.6	91.7	92.1	92.1	92.4	92.6	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 500	93.2	93.3	93.8	93.8	94.1	94.3	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 400	94.4	94.5	95.2	95.3	95.5	95.8	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 300	95.0	95.2	96.0	96.1	96.7	97.0	97.8	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 200	95.1	95.3	96.2	96.3	96.9	97.4	98.5	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 100	95.1	95.3	96.2	96.3	96.9	97.4	98.5	98.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 000	95.1	95.3	96.2	96.3	96.9	97.4	98.5	98.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 876

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 20000	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 18000	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 16000	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 14000	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 12000	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 10000	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 9000	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 8000	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 7000	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 6000	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 5000	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 4500	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 4000	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 3500	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 3000	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 2500	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 2000	71.1	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 1800	71.6	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 1500	73.8	73.9	73.9	73.9	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 1200	76.2	76.3	76.4	76.4	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 1000	80.3	80.4	80.5	80.7	81.2	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 900	80.3	80.4	80.5	80.7	81.2	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 800	82.3	82.4	82.5	82.7	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 700	83.5	83.8	83.9	84.1	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 600	85.7	85.9	86.0	86.3	87.0	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 500	87.4	87.8	87.9	88.1	89.1	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 400	89.4	89.9	90.2	90.4	92.1	92.6	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 300	90.6	91.2	91.4	91.8	94.1	94.5	95.1	96.1	96.1	96.6	96.8	96.8	96.9	96.9	97.0	97.0
GE 200	90.8	91.4	91.6	92.0	94.4	95.0	95.9	97.3	97.4	98.3	98.7	98.7	99.0	99.3	99.4	99.4
GE 100	90.8	91.4	91.6	92.0	94.4	95.0	95.9	97.3	97.4	98.3	98.7	98.7	99.1	99.4	99.5	100.0
GE 000	90.8	91.4	91.6	92.0	94.4	95.0	95.9	97.3	97.4	98.3	98.7	98.7	99.1	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 874

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.6	35.6	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 20000	38.1	38.1	38.2	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 18000	38.5	38.5	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 16000	38.5	38.5	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 14000	39.2	39.2	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 12000	40.5	40.5	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 10000	43.4	43.4	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 9000	44.3	44.3	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 8000	47.2	47.2	47.3	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 7000	51.6	51.6	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 6000	54.1	54.1	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 5000	57.4	57.4	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 4500	57.7	57.7	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 4000	60.1	60.1	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 3500	61.1	61.1	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 3000	62.9	62.9	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 2500	64.3	64.3	64.7	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 2000	66.0	66.0	66.4	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 1800	66.0	66.0	66.4	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 1500	69.4	69.4	69.9	70.1	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 1200	70.4	70.7	71.3	71.4	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 1000	72.1	72.5	73.2	73.6	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 900	72.1	72.8	73.4	73.8	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 800	74.0	74.8	75.5	75.8	76.0	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 700	74.6	75.4	76.2	76.5	76.9	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 600	76.2	76.9	77.7	78.2	79.2	79.3	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 500	78.6	79.5	80.6	81.0	82.7	82.9	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 400	80.7	81.8	83.1	83.7	85.5	86.0	86.8	87.2	87.2	87.7	87.9	87.9	87.9	87.9	87.9	87.9
GE 300	81.1	82.4	83.6	84.3	86.1	86.7	87.8	88.6	88.7	89.7	90.4	90.4	91.1	91.2	91.2	91.8
GE 200	81.8	83.1	84.4	85.1	86.9	87.5	89.0	90.2	90.4	92.5	93.4	93.4	94.7	95.3	95.5	96.8
GE 100	81.8	83.2	84.5	85.2	87.0	87.6	89.2	90.3	90.5	93.2	94.2	94.2	95.8	96.5	96.8	99.9
GE 000	81.8	83.2	84.5	85.2	87.0	87.6	89.2	90.3	90.5	93.2	94.2	94.2	95.8	96.5	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 885

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.9	33.9	34.0	34.0	34.0	34.0	34.0	34.0
GE 20000	35.9	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.1	36.1	36.2	36.2	36.2	36.2	36.2	36.2
GE 18000	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.8	36.8	36.8
GE 16000	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0
GE 14000	37.1	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5
GE 12000	38.7	38.7	38.8	38.8	38.8	38.8	38.9	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.1	39.1
GE 10000	42.0	42.0	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.3	42.3	42.3	42.3	42.4	42.4	42.4
GE 9000	42.7	42.8	42.8	42.8	42.9	42.9	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.2	43.2
GE 8000	45.9	46.0	46.1	46.1	46.2	46.2	46.2	46.2	46.3	46.3	46.4	46.4	46.4	46.4	46.5	46.5
GE 7000	48.4	48.4	48.5	48.6	48.7	48.7	48.7	48.7	48.8	48.8	48.9	48.9	48.9	48.9	49.0	49.0
GE 6000	51.1	51.2	51.3	51.3	51.4	51.4	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7
GE 5000	54.0	54.0	54.2	54.3	54.3	54.4	54.4	54.4	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.7
GE 4500	54.2	54.3	54.5	54.5	54.6	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.9	54.9
GE 4000	56.2	56.3	56.5	56.6	56.6	56.6	56.7	56.7	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9
GE 3500	56.7	56.8	57.1	57.2	57.3	57.3	57.3	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.6	57.6
GE 3000	58.3	58.4	58.7	58.8	58.9	58.9	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.2	59.2	59.2
GE 2500	59.3	59.4	59.7	59.8	59.9	59.9	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.2	60.2	60.2
GE 2000	61.0	61.1	61.5	61.6	61.7	61.8	61.8	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.1	62.1
GE 1800	61.2	61.4	61.8	61.9	62.0	62.0	62.1	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.4
GE 1500	63.4	63.6	64.1	64.2	64.4	64.5	64.6	64.6	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8
GE 1200	65.4	65.6	66.2	66.3	66.5	66.6	66.7	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9	67.0
GE 1000	69.5	69.8	70.6	70.8	71.1	71.1	71.3	71.3	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.6
GE 900	69.8	70.1	70.9	71.1	71.4	71.5	71.6	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.9	71.9
GE 800	71.5	71.8	72.7	72.8	73.2	73.3	73.5	73.5	73.6	73.7	73.7	73.7	73.7	73.8	73.8	73.8
GE 700	72.9	73.3	74.3	74.5	74.9	75.0	75.3	75.3	75.3	75.4	75.5	75.5	75.5	75.5	75.6	75.6
GE 600	75.1	75.5	76.7	76.9	77.5	77.6	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.3	78.3	78.3
GE 500	78.1	78.7	80.3	80.7	81.7	81.9	82.5	82.5	82.6	82.8	82.9	82.9	82.9	83.0	83.0	83.0
GE 400	80.0	80.8	82.8	83.2	84.6	84.9	85.8	86.1	86.2	86.7	86.9	86.9	87.0	87.1	87.1	87.2
GE 300	81.0	81.8	84.1	84.7	86.5	87.0	88.2	89.0	89.3	90.5	91.1	91.1	91.7	91.9	92.1	92.2
GE 200	81.3	82.2	84.6	85.3	87.2	87.7	89.2	90.3	90.7	92.6	93.7	93.7	95.2	96.0	96.8	97.5
GE 100	81.3	82.3	84.6	85.3	87.2	87.7	89.3	90.4	90.8	92.8	94.0	94.1	95.8	96.9	98.0	99.8
GE 000	81.3	82.3	84.6	85.3	87.2	87.7	89.3	90.4	90.8	92.8	94.0	94.1	95.8	96.9	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7032

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	18.5	18.6	18.7	18.9	19.2	19.2	19.2	19.3	19.3	19.4	19.4	19.4	19.7	19.7	19.7	20.0
GE 20000	19.2	19.3	19.4	19.6	19.8	19.8	19.8	20.0	20.0	20.1	20.1	20.1	20.4	20.4	20.4	20.6
GE 18000	19.4	19.5	19.6	19.8	20.1	20.1	20.1	20.2	20.2	20.3	20.3	20.3	20.6	20.6	20.6	20.9
GE 16000	19.7	19.8	20.0	20.2	20.4	20.4	20.4	20.5	20.5	20.6	20.6	20.6	21.0	21.0	21.0	21.2
GE 14000	20.0	20.1	20.2	20.4	20.6	20.6	20.6	20.8	20.8	20.9	20.9	20.9	21.2	21.2	21.2	21.4
GE 12000	20.6	20.8	20.9	21.1	21.3	21.3	21.3	21.4	21.4	21.6	21.6	21.6	21.9	21.9	21.9	22.1
GE 10000	21.9	22.0	22.1	22.4	22.6	22.6	22.6	22.7	22.7	22.8	22.8	22.8	23.2	23.2	23.2	23.4
GE 9000	23.6	23.7	23.9	24.1	24.3	24.3	24.3	24.4	24.4	24.5	24.5	24.5	24.9	24.9	24.9	25.1
GE 8000	26.1	26.3	26.4	26.6	26.8	26.8	26.8	26.9	26.9	27.1	27.1	27.1	27.4	27.4	27.4	27.6
GE 7000	27.3	27.4	27.5	27.8	28.0	28.0	28.0	28.1	28.1	28.2	28.2	28.2	28.6	28.6	28.6	28.8
GE 6000	31.4	31.5	31.9	32.1	32.3	32.3	32.3	32.5	32.5	32.6	32.6	32.6	32.9	32.9	32.9	33.1
GE 5000	34.3	34.4	34.7	35.0	35.2	35.2	35.2	35.3	35.3	35.4	35.4	35.4	35.8	35.8	35.8	36.0
GE 4500	34.5	34.6	35.0	35.2	35.4	35.4	35.4	35.6	35.6	35.7	35.7	35.7	36.0	36.0	36.0	36.2
GE 4000	36.7	36.8	37.2	37.4	37.6	37.6	37.6	37.7	37.7	37.8	38.0	38.0	38.3	38.3	38.3	38.5
GE 3500	37.4	37.5	37.8	38.1	38.4	38.4	38.4	38.5	38.5	38.6	38.8	38.8	39.1	39.1	39.1	39.3
GE 3000	40.1	40.3	40.6	40.8	41.2	41.2	41.2	41.3	41.3	41.4	41.5	41.5	41.9	41.9	41.9	42.1
GE 2500	41.9	42.0	42.3	42.5	42.9	42.9	42.9	43.0	43.0	43.1	43.2	43.2	43.6	43.6	43.6	43.8
GE 2000	46.2	46.3	46.7	46.9	47.4	47.4	47.4	47.5	47.5	47.6	47.7	47.7	48.1	48.1	48.1	48.3
GE 1800	46.6	46.7	47.0	47.2	47.7	47.7	47.7	47.8	47.8	47.9	48.1	48.1	48.4	48.4	48.4	48.6
GE 1500	50.6	50.8	51.1	51.4	51.8	51.8	51.8	51.9	51.9	52.1	52.2	52.2	52.5	52.5	52.5	52.8
GE 1200	53.0	53.2	53.8	54.0	54.5	54.5	54.5	54.6	54.6	54.7	54.8	54.8	55.2	55.2	55.2	55.4
GE 1000	57.0	57.2	59.2	59.5	60.3	60.4	60.4	60.6	60.6	60.7	60.8	60.8	61.1	61.1	61.1	61.4
GE 900	57.1	57.3	59.3	59.6	60.4	60.6	60.6	60.7	60.7	60.8	60.9	60.9	61.2	61.2	61.2	61.5
GE 800	58.8	59.1	61.1	61.6	62.5	62.6	62.7	62.8	62.8	63.0	63.1	63.1	63.4	63.4	63.4	63.6
GE 700	61.2	61.5	63.6	64.3	65.6	65.7	65.8	65.9	65.9	66.1	66.2	66.2	66.5	66.5	66.5	66.7
GE 600	62.5	63.0	65.9	66.7	68.5	68.8	69.2	69.7	69.7	70.1	70.2	70.2	70.5	70.5	70.5	70.8
GE 500	65.1	65.6	69.3	70.1	72.1	72.5	72.9	73.9	73.9	74.3	74.4	74.4	74.8	74.9	75.0	75.2
GE 400	66.3	66.7	70.6	71.6	73.6	74.0	75.2	76.4	76.4	76.9	77.2	77.2	77.6	77.8	77.9	78.1
GE 300	68.5	69.0	73.4	74.7	77.2	77.6	79.6	81.4	81.5	83.3	84.4	84.6	85.3	85.4	86.2	86.5
GE 200	69.0	69.6	74.0	75.6	78.1	78.6	81.0	82.8	83.3	86.4	87.8	88.4	90.4	90.8	93.6	94.0
GE 100	69.2	69.7	74.1	75.7	78.2	78.7	81.3	83.1	83.6	87.0	88.8	89.3	92.0	93.2	97.2	99.2
GE 000	69.2	69.7	74.1	75.7	78.2	78.7	81.3	83.1	83.6	87.0	88.8	89.3	92.0	93.3	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 872

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 03-05

CEILING IN FEET		VISIBILITY IN STATUTE MILES															
		GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL		17.3	17.3	17.4	17.4	17.7	17.7	17.8	17.8	17.8	18.3	18.5	18.5	18.5	18.8	19.0	19.2
GE 20000		17.7	17.7	17.8	17.8	18.2	18.2	18.3	18.3	18.3	18.8	19.0	19.0	19.0	19.2	19.4	19.7
GE 18000		18.0	18.0	18.1	18.1	18.4	18.4	18.5	18.5	18.5	19.0	19.2	19.2	19.2	19.4	19.7	20.0
GE 16000		18.3	18.3	18.4	18.4	18.8	18.8	18.9	18.9	18.9	19.3	19.5	19.5	19.5	19.8	20.0	20.3
GE 14000		19.2	19.2	19.3	19.3	19.7	19.7	19.8	19.8	19.8	20.2	20.5	20.5	20.5	20.7	20.9	21.3
GE 12000		20.1	20.1	20.2	20.2	20.6	20.6	20.7	20.7	20.7	21.1	21.4	21.4	21.4	21.6	21.8	22.2
GE 10000		22.3	22.3	22.4	22.4	22.7	22.7	22.8	22.8	22.8	23.3	23.5	23.5	23.5	23.8	24.0	24.3
GE 9000		23.2	23.2	23.3	23.3	23.6	23.6	23.8	23.8	23.8	24.2	24.4	24.4	24.4	24.7	24.9	25.2
GE 8000		25.6	25.6	25.7	25.7	26.0	26.0	26.1	26.1	26.1	26.6	26.8	26.8	26.8	27.0	27.3	27.6
GE 7000		26.8	26.8	26.9	26.9	27.3	27.3	27.4	27.4	27.4	27.8	28.1	28.1	28.1	28.3	28.5	28.9
GE 6000		30.2	30.2	30.5	30.5	30.8	30.8	30.9	30.9	30.9	31.4	31.6	31.6	31.6	31.8	32.0	32.4
GE 5000		33.5	33.5	33.8	33.8	34.1	34.1	34.2	34.3	34.3	34.8	35.1	35.1	35.1	35.3	35.6	35.9
GE 4500		34.5	34.5	34.8	34.8	35.1	35.1	35.2	35.3	35.3	35.8	36.1	36.1	36.1	36.4	36.6	36.9
GE 4000		36.7	36.8	37.0	37.0	37.4	37.4	37.5	37.6	37.6	38.1	38.4	38.4	38.4	38.6	39.0	39.3
GE 3500		38.4	38.5	38.8	38.8	39.1	39.1	39.3	39.4	39.4	39.9	40.2	40.2	40.2	40.5	40.8	41.1
GE 3000		40.1	40.2	40.5	40.5	40.9	40.9	41.1	41.3	41.3	41.7	42.0	42.0	42.0	42.3	42.6	43.0
GE 2500		41.9	42.2	42.4	42.4	42.8	42.8	43.1	43.2	43.2	43.6	44.0	44.0	44.0	44.2	44.5	44.9
GE 2000		44.7	44.9	45.2	45.2	45.8	45.8	46.0	46.1	46.1	46.6	46.9	46.9	46.9	47.2	47.5	47.8
GE 1800		45.7	45.9	46.3	46.3	46.8	46.8	47.0	47.2	47.2	47.6	48.0	48.0	48.0	48.2	48.5	48.9
GE 1500		48.6	49.1	49.8	49.8	50.3	50.3	50.7	50.8	50.8	51.3	51.6	51.6	51.6	51.8	52.2	52.5
GE 1200		50.8	51.5	52.2	52.2	52.7	52.8	53.2	53.3	53.3	53.8	54.1	54.1	54.1	54.3	54.7	55.0
GE 1000		55.1	55.9	57.0	57.0	58.2	58.3	59.0	59.4	59.4	60.0	60.3	60.3	60.3	60.6	60.9	61.3
GE 900		55.3	56.1	57.3	57.3	58.4	58.5	59.3	59.9	59.9	60.5	60.8	60.8	60.8	61.0	61.4	61.7
GE 800		56.4	57.2	58.4	58.4	59.8	59.9	60.7	61.3	61.3	61.9	62.3	62.3	62.3	62.5	62.8	63.2
GE 700		57.7	58.6	60.2	60.2	61.9	62.0	63.3	64.2	64.2	64.9	65.2	65.2	65.5	65.7	66.0	66.4
GE 600		60.6	61.6	64.0	64.0	66.3	66.4	68.0	69.1	69.2	69.9	70.2	70.2	70.5	70.7	71.0	71.4
GE 500		62.6	63.6	66.8	66.8	69.8	69.9	71.8	73.4	73.5	74.3	74.7	74.7	74.9	75.1	75.5	75.8
GE 400		63.5	64.7	68.5	68.9	72.5	72.6	75.2	77.0	77.2	78.2	79.0	79.0	79.3	79.5	79.9	80.2
GE 300		64.2	65.3	69.9	70.3	74.2	74.7	78.2	80.7	81.0	83.1	84.5	84.8	86.4	86.8	87.4	87.7
GE 200		64.2	65.3	69.9	70.3	74.3	74.8	79.0	81.8	82.2	85.7	88.0	88.5	92.2	93.1	94.8	95.1
GE 100		64.2	65.3	69.9	70.5	74.4	74.9	79.1	82.0	82.4	86.1	88.4	89.0	92.8	94.7	97.3	99.0
GE 000		64.2	65.3	69.9	70.5	74.4	74.9	79.1	82.0	82.4	86.1	88.4	89.0	92.8	94.8	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 880

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	15.7	15.7	16.0	16.0	16.2	16.2	16.2	16.3	16.4	16.6	16.8	16.8	17.2	17.3	17.5	17.5
GE 20000	16.5	16.5	16.8	16.8	17.0	17.0	17.0	17.1	17.2	17.5	17.6	17.6	18.0	18.1	18.3	18.3
GE 18000	16.5	16.5	16.8	16.8	17.0	17.0	17.0	17.1	17.2	17.5	17.6	17.6	18.0	18.3	18.4	18.4
GE 16000	16.5	16.5	16.8	16.8	17.0	17.0	17.0	17.1	17.2	17.5	17.6	17.6	18.0	18.3	18.4	18.4
GE 14000	17.1	17.1	17.3	17.3	17.6	17.6	17.6	17.7	17.8	18.0	18.1	18.1	18.6	18.8	18.9	18.9
GE 12000	18.3	18.3	18.5	18.5	18.7	18.7	18.7	18.8	18.9	19.2	19.3	19.3	19.7	20.0	20.1	20.1
GE 10000	21.1	21.1	21.4	21.4	21.6	21.6	21.6	21.7	21.8	22.0	22.2	22.2	22.6	22.8	23.0	23.0
GE 9000	21.8	21.8	22.0	22.0	22.3	22.3	22.3	22.4	22.5	22.7	22.8	22.8	23.3	23.7	23.8	23.8
GE 8000	24.9	24.9	25.1	25.1	25.5	25.5	25.5	25.6	25.7	25.9	26.1	26.1	26.5	26.9	27.0	27.0
GE 7000	27.6	27.6	27.8	27.8	28.1	28.1	28.1	28.2	28.4	28.6	28.7	28.7	29.2	29.5	29.6	29.6
GE 6000	30.8	30.8	31.0	31.0	31.3	31.3	31.3	31.5	31.6	31.8	31.9	31.9	32.4	32.7	32.8	32.8
GE 5000	33.9	33.9	34.1	34.1	34.4	34.4	34.4	34.6	34.7	34.9	35.0	35.0	35.5	35.8	35.9	35.9
GE 4500	34.1	34.1	34.3	34.3	34.7	34.7	34.7	34.8	34.9	35.1	35.2	35.2	35.7	36.1	36.2	36.2
GE 4000	36.9	37.0	37.2	37.2	37.5	37.5	37.5	37.7	37.8	38.0	38.1	38.1	38.6	38.9	39.0	39.0
GE 3500	37.5	37.7	37.9	37.9	38.2	38.2	38.2	38.3	38.5	38.7	38.8	38.8	39.3	39.6	39.7	39.7
GE 3000	39.5	39.6	39.8	39.8	40.2	40.2	40.2	40.3	40.4	40.6	40.8	40.8	41.2	41.6	41.7	41.7
GE 2500	41.9	42.0	42.3	42.3	42.6	42.6	42.6	42.7	42.8	43.1	43.2	43.2	43.6	44.0	44.1	44.1
GE 2000	44.3	44.4	44.7	44.7	45.0	45.0	45.0	45.1	45.2	45.5	45.6	45.6	46.0	46.4	46.5	46.5
GE 1800	45.4	45.5	45.7	45.7	46.0	46.0	46.0	46.2	46.3	46.5	46.6	46.6	47.1	47.4	47.5	47.5
GE 1500	47.6	47.8	48.5	48.6	49.1	49.1	49.1	49.3	49.4	49.6	49.7	49.7	50.2	50.5	50.6	50.6
GE 1200	49.8	50.1	51.0	51.1	51.8	51.8	51.9	52.0	52.1	52.4	52.6	52.6	53.0	53.4	53.5	53.5
GE 1000	55.5	55.8	57.6	57.9	59.2	59.2	59.4	59.6	59.7	59.9	60.2	60.2	60.6	61.0	61.1	61.1
GE 900	55.5	55.8	57.7	58.0	59.4	59.4	59.6	59.8	59.9	60.2	60.4	60.4	60.8	61.2	61.3	61.3
GE 800	56.4	56.7	58.9	59.1	60.6	60.6	61.0	61.2	61.3	61.8	62.0	62.0	62.5	62.8	62.9	62.9
GE 700	57.5	57.9	60.3	60.5	62.1	62.1	62.8	63.1	63.3	63.8	64.1	64.1	64.5	64.9	65.0	65.0
GE 600	59.5	60.0	63.4	63.8	65.6	65.6	66.7	67.2	67.3	68.1	68.3	68.3	68.8	69.1	69.2	69.2
GE 500	61.5	62.2	66.1	66.8	69.0	69.0	71.4	72.2	72.3	73.4	73.6	73.6	74.2	74.5	74.6	74.6
GE 400	63.6	64.5	68.8	69.6	72.9	72.9	76.1	77.5	77.6	79.1	79.4	79.6	80.5	80.9	81.1	81.1
GE 300	65.1	66.2	71.0	72.2	75.9	75.9	80.0	82.0	82.3	85.0	86.9	87.3	89.2	90.0	90.5	90.5
GE 200	65.1	66.2	71.0	72.2	76.2	76.2	80.6	83.0	83.4	87.4	89.8	90.2	93.6	95.2	96.7	97.0
GE 100	65.1	66.2	71.0	72.2	76.2	76.2	80.7	83.1	83.5	87.5	90.0	90.5	94.1	96.0	98.2	99.7
GE 000	65.1	66.2	71.0	72.2	76.2	76.2	80.7	83.1	83.5	87.5	90.0	90.5	94.1	96.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 871

D - 2 - 66

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.4	16.4	16.4	16.4	16.4	16.4	16.4
GE 20000	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 18000	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.9	18.9	18.9	18.9	18.9	18.9	18.9
GE 16000	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.9	18.9	18.9	18.9	18.9	18.9	18.9
GE 14000	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.2	20.2	20.2	20.2	20.2	20.2	20.2
GE 12000	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.7	20.7	20.7	20.7	20.7	20.7	20.7
GE 10000	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0
GE 9000	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3
GE 8000	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 7000	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.5
GE 6000	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5
GE 5000	35.6	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 4500	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 4000	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 3500	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 3000	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 2500	42.7	42.7	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 2000	44.2	44.2	44.5	44.6	44.7	44.7	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 1800	45.0	45.0	45.3	45.4	45.5	45.5	45.5	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 1500	48.0	48.0	48.3	48.4	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 1200	51.3	51.4	51.6	51.8	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 1000	59.9	60.0	60.4	60.8	61.6	61.6	61.6	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 900	60.3	60.4	60.7	61.2	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 800	62.4	62.6	63.2	63.8	64.7	64.7	64.7	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 700	65.1	65.3	66.5	67.1	68.2	68.2	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 600	67.4	67.7	69.2	70.0	71.5	71.5	71.9	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 500	70.3	71.1	73.4	74.3	76.6	76.6	77.5	77.9	77.9	78.3	78.5	78.5	78.5	78.5	78.5	78.5
GE 400	72.0	73.2	76.3	77.3	80.8	80.8	82.0	82.8	83.2	84.1	84.2	84.2	84.2	84.3	84.3	84.3
GE 300	74.0	75.2	79.4	81.0	85.1	85.5	88.0	89.1	89.5	91.8	92.6	92.6	93.5	93.9	94.0	94.1
GE 200	74.1	75.3	79.5	81.2	85.5	85.8	88.7	90.1	90.6	93.9	94.9	94.9	97.0	97.9	98.3	98.7
GE 100	74.1	75.3	79.5	81.2	85.5	85.8	88.8	90.2	90.7	94.1	95.5	95.6	97.7	98.8	99.4	100.0
GE 000	74.1	75.3	79.5	81.2	85.5	85.8	88.8	90.2	90.7	94.1	95.5	95.6	97.7	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 868

0 - 2 - 67

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
GE 20000	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
GE 18000	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
GE 16000	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
GE 14000	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
GE 12000	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
GE 10000	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
GE 9000	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
GE 8000	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 7000	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 6000	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 5000	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 4500	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 4000	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 3500	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 3000	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 2500	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 2000	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 1800	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 1500	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 1200	59.5	59.5	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 1000	69.7	69.8	70.4	70.6	70.8	70.8	70.9	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 900	69.7	69.8	70.4	70.6	70.8	70.8	70.9	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 800	71.5	71.6	72.4	72.8	73.2	73.2	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 700	73.9	74.0	74.9	75.3	75.8	75.9	76.7	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 600	76.7	76.8	77.9	78.3	79.0	79.1	80.2	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 500	80.2	80.5	82.1	82.6	83.9	84.0	85.8	85.8	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 400	82.7	83.2	85.1	86.2	87.7	87.9	90.5	90.9	90.9	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 300	83.5	84.0	86.7	88.1	90.2	90.4	94.3	95.2	95.2	96.4	96.5	96.5	96.5	96.5	96.5	96.5
GE 200	83.7	84.1	86.8	88.2	90.4	90.5	94.7	95.8	95.8	97.6	98.1	98.4	98.9	98.9	98.9	98.9
GE 100	83.7	84.1	86.8	88.2	90.4	90.5	94.7	95.8	95.8	97.6	98.2	98.8	99.4	99.4	99.9	99.9
GE 000	83.7	84.1	86.8	88.2	90.4	90.5	94.7	95.8	95.8	97.6	98.2	98.8	99.4	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 881

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/3	GE 1/4	GE 0
NO CEIL	25.3	25.3	25.3	25.3	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
GE 20000	28.0	28.0	28.0	28.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 18000	28.2	28.2	28.2	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
GE 16000	28.3	28.3	28.3	28.3	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
GE 14000	29.0	29.0	29.0	29.0	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 12000	29.8	29.8	29.8	29.8	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 10000	31.8	31.8	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 9000	34.9	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 8000	37.8	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 7000	39.9	39.9	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 6000	42.6	42.6	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 5000	44.4	44.4	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 4500	44.8	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 4000	46.0	46.0	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 3500	46.5	46.5	46.5	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 3000	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 2500	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 2000	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 1800	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 1500	59.6	59.6	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 1200	65.0	65.1	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 1000	73.7	73.8	74.4	74.5	75.1	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 900	74.1	74.2	74.8	74.9	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 800	76.3	76.5	77.3	77.5	78.3	78.3	78.9	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 700	77.8	78.0	79.0	79.4	80.2	80.2	80.8	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 600	80.3	80.5	81.7	82.0	82.8	82.8	83.4	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 500	83.1	83.3	84.8	85.3	86.2	86.2	86.8	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 400	85.0	85.3	86.9	87.8	89.2	89.4	90.4	91.0	91.0	91.5	91.6	91.6	91.6	91.6	91.6	91.6
GE 300	86.1	86.4	88.5	90.0	92.6	92.9	94.7	95.7	95.7	96.7	96.8	96.8	96.9	97.0	97.0	97.0
GE 200	86.1	86.4	88.6	90.2	93.0	93.4	95.5	96.5	96.5	97.9	98.7	98.7	99.2	99.3	99.3	99.3
GE 100	86.1	86.4	88.6	90.2	93.0	93.4	95.6	96.7	96.7	98.2	99.0	99.0	99.4	99.5	99.7	99.9
GE 000	86.1	86.4	88.6	90.2	93.0	93.4	95.6	96.7	96.7	98.2	99.0	99.0	99.5	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 868

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
GE 20000	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
GE 18000	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.5	27.5
GE 16000	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	28.0	28.0
GE 14000	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.2	28.2
GE 12000	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	29.1	29.1
GE 10000	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.4	31.4
GE 9000	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.8	33.8
GE 8000	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.0	37.0
GE 7000	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.4	39.4
GE 6000	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.4	41.4
GE 5000	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.9	43.9
GE 4500	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.9	44.9
GE 4000	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.4	45.4
GE 3500	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.1	47.1
GE 3000	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.4	49.4
GE 2500	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5
GE 2000	55.6	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0
GE 1800	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
GE 1500	59.5	59.6	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1
GE 1200	63.7	63.9	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6
GE 1000	68.8	69.0	69.7	70.2	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9
GE 900	68.9	69.1	69.8	70.3	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.1	71.1
GE 800	70.0	70.4	71.1	71.7	72.2	72.2	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.7	72.7
GE 700	72.1	72.4	73.3	74.1	75.0	75.0	75.3	75.5	75.5	75.8	75.8	75.8	75.8	75.8	75.9	75.9
GE 600	74.1	74.4	75.3	76.1	77.6	77.6	77.9	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.6	78.6
GE 500	76.8	77.3	78.7	79.5	81.3	81.3	82.2	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.4	83.4
GE 400	78.6	79.1	80.5	81.5	83.9	83.9	85.0	85.9	86.0	86.7	86.8	86.8	86.8	86.8	86.9	86.9
GE 300	80.3	80.9	82.8	83.9	86.8	87.0	89.4	90.4	90.5	91.8	92.2	92.2	92.5	92.5	92.8	92.8
GE 200	80.4	81.0	83.0	84.3	87.5	87.7	90.5	91.8	92.0	94.3	95.4	95.4	96.5	97.5	98.5	98.8
GE 100	80.4	81.0	83.0	84.3	87.5	87.7	90.5	91.8	92.0	94.3	95.4	95.4	96.7	97.9	99.3	99.7
GE 000	80.4	81.0	83.0	84.3	87.5	87.7	90.5	91.8	92.0	94.3	95.4	95.4	96.7	97.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 888

D - 2 - 70

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 DEC 89
MONTH: AUG HOURS: 21 23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	21.8	22.0	22.0	22.0	22.1	22.1	22.1	22.1	22.2	22.2	22.2	22.2	22.4	22.4	22.4	22.4
GE 20000	23.9	24.0	24.0	24.0	24.2	24.2	24.2	24.2	24.3	24.3	24.3	24.3	24.5	24.5	24.5	24.5
GE 18000	23.9	24.0	24.0	24.0	24.2	24.2	24.2	24.2	24.3	24.3	24.3	24.3	24.5	24.5	24.5	24.5
GE 16000	24.2	24.3	24.3	24.3	24.4	24.4	24.4	24.4	24.5	24.5	24.5	24.5	24.7	24.7	24.7	24.7
GE 14000	24.6	24.7	24.7	24.7	24.9	24.9	24.9	24.9	25.0	25.0	25.0	25.0	25.2	25.2	25.2	25.2
GE 12000	25.1	25.2	25.2	25.2	25.3	25.3	25.3	25.3	25.4	25.4	25.4	25.4	25.7	25.7	25.7	25.7
GE 10000	27.6	27.8	27.8	27.8	27.9	27.9	27.9	27.9	28.0	28.0	28.0	28.0	28.2	28.2	28.2	28.2
GE 9000	29.2	29.3	29.3	29.3	29.4	29.4	29.5	29.5	29.6	29.6	29.6	29.6	29.8	29.8	29.8	29.8
GE 8000	33.2	33.3	33.3	33.3	33.4	33.4	33.6	33.6	33.7	33.7	33.7	33.7	33.9	33.9	33.9	33.9
GE 7000	34.5	34.6	34.6	34.6	34.7	34.7	34.8	34.8	35.0	35.0	35.0	35.0	35.2	35.2	35.2	35.2
GE 6000	37.6	37.7	37.7	37.7	37.9	37.9	38.0	38.0	38.1	38.1	38.1	38.1	38.3	38.3	38.3	38.3
GE 5000	40.0	40.1	40.1	40.1	40.2	40.2	40.3	40.3	40.4	40.4	40.4	40.4	40.7	40.7	40.7	40.7
GE 4500	40.5	40.7	40.7	40.7	40.8	40.8	40.9	40.9	41.0	41.0	41.0	41.0	41.2	41.2	41.2	41.2
GE 4000	41.9	42.0	42.0	42.0	42.2	42.2	42.3	42.3	42.4	42.4	42.4	42.4	42.6	42.6	42.6	42.6
GE 3500	44.0	44.1	44.1	44.1	44.3	44.3	44.4	44.4	44.5	44.5	44.5	44.5	44.7	44.7	44.7	44.7
GE 3000	46.1	46.2	46.2	46.2	46.3	46.3	46.5	46.6	46.7	46.8	46.8	46.8	47.0	47.0	47.0	47.0
GE 2500	47.7	47.9	48.0	48.0	48.1	48.1	48.2	48.3	48.4	48.5	48.5	48.5	48.8	48.8	48.8	48.8
GE 2000	50.9	51.0	51.3	51.3	51.5	51.5	51.6	51.7	51.8	51.9	51.9	51.9	52.1	52.1	52.1	52.1
GE 1800	51.2	51.3	51.7	51.7	51.8	51.8	51.9	52.0	52.1	52.3	52.3	52.3	52.5	52.5	52.5	52.5
GE 1500	54.1	54.2	54.7	54.7	54.8	54.8	54.9	55.1	55.2	55.3	55.3	55.3	55.5	55.5	55.5	55.5
GE 1200	57.1	57.3	57.7	57.7	58.1	58.1	58.2	58.3	58.4	58.5	58.5	58.5	58.8	58.8	58.8	58.8
GE 1000	61.9	62.4	63.2	63.4	64.2	64.2	64.6	64.7	64.8	64.9	64.9	64.9	65.2	65.2	65.2	65.2
GE 900	62.1	62.6	63.4	63.6	64.5	64.5	64.8	64.9	65.0	65.2	65.2	65.2	65.4	65.4	65.4	65.4
GE 800	63.8	64.2	65.4	65.7	66.7	66.7	67.0	67.1	67.2	67.4	67.4	67.4	67.6	67.6	67.6	67.6
GE 700	65.3	65.9	67.0	67.4	68.8	68.8	69.2	69.3	69.5	69.6	69.6	69.6	69.8	69.8	69.8	69.8
GE 600	66.7	67.5	68.9	69.2	71.0	71.0	71.4	71.5	71.7	71.8	71.8	71.8	72.0	72.0	72.0	72.0
GE 500	68.8	70.2	72.0	72.6	74.6	74.6	75.3	75.8	76.3	76.8	76.8	76.8	77.0	77.0	77.0	77.0
GE 400	70.0	71.4	73.5	74.6	76.5	76.5	78.2	78.9	79.7	80.1	80.1	80.1	80.5	80.5	80.5	80.5
GE 300	72.0	73.6	76.3	78.0	80.8	81.1	83.5	84.2	85.1	86.5	86.9	86.9	87.6	87.8	87.9	87.9
GE 200	72.5	74.1	76.8	78.9	81.9	82.1	85.0	85.9	87.1	89.1	89.9	89.9	92.9	94.3	95.6	96.4
GE 100	72.5	74.1	76.8	78.9	81.9	82.1	85.0	85.9	87.1	89.1	89.9	89.9	93.1	94.7	96.7	98.7
GE 000	72.5	74.1	76.8	78.9	81.9	82.1	85.0	85.9	87.1	89.1	89.9	89.9	93.1	94.7	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 861

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	20.0	20.1	20.1	20.1	20.3	20.3	20.3	20.3	20.3	20.5	20.5	20.5	20.6	20.7	20.7	20.8
GE 20000	21.8	21.9	21.9	22.0	22.1	22.1	22.1	22.1	22.2	22.3	22.3	22.3	22.4	22.5	22.5	22.6
GE 18000	22.1	22.1	22.1	22.2	22.3	22.3	22.3	22.3	22.4	22.5	22.5	22.5	22.7	22.7	22.8	22.9
GE 16000	22.3	22.3	22.3	22.4	22.5	22.5	22.5	22.5	22.6	22.7	22.7	22.7	22.9	22.9	23.0	23.1
GE 14000	23.0	23.0	23.1	23.1	23.2	23.2	23.3	23.3	23.3	23.4	23.5	23.5	23.6	23.7	23.7	23.8
GE 12000	23.8	23.8	23.9	23.9	24.1	24.1	24.1	24.1	24.1	24.2	24.3	24.3	24.4	24.5	24.5	24.6
GE 10000	25.9	25.9	26.0	26.0	26.1	26.1	26.1	26.2	26.2	26.3	26.3	26.3	26.5	26.5	26.6	26.7
GE 9000	27.6	27.7	27.7	27.7	27.9	27.9	27.9	27.9	28.0	28.1	28.1	28.1	28.2	28.3	28.4	28.4
GE 8000	30.9	30.9	31.0	31.0	31.1	31.1	31.2	31.2	31.2	31.3	31.4	31.4	31.5	31.6	31.6	31.7
GE 7000	32.7	32.7	32.7	32.8	32.9	32.9	32.9	33.0	33.0	33.1	33.2	33.2	33.3	33.4	33.4	33.5
GE 6000	35.9	35.9	36.0	36.0	36.2	36.2	36.2	36.2	36.3	36.4	36.4	36.4	36.5	36.6	36.7	36.7
GE 5000	38.3	38.3	38.4	38.4	38.6	38.6	38.6	38.6	38.7	38.8	38.8	38.8	39.0	39.0	39.1	39.2
GE 4500	38.7	38.8	38.9	38.9	39.0	39.0	39.1	39.1	39.1	39.3	39.3	39.3	39.4	39.5	39.6	39.6
GE 4000	40.5	40.5	40.7	40.7	40.8	40.8	40.9	40.9	40.9	41.1	41.1	41.1	41.3	41.3	41.4	41.5
GE 3500	41.8	41.8	41.9	42.0	42.1	42.1	42.2	42.2	42.2	42.3	42.4	42.4	42.5	42.6	42.7	42.8
GE 3000	43.7	43.8	43.9	43.9	44.1	44.1	44.1	44.2	44.2	44.3	44.4	44.4	44.5	44.6	44.7	44.7
GE 2500	45.5	45.5	45.7	45.7	45.9	45.9	45.9	46.0	46.0	46.1	46.2	46.2	46.3	46.4	46.5	46.5
GE 2000	48.4	48.5	48.7	48.8	49.0	49.0	49.0	49.1	49.1	49.2	49.3	49.3	49.4	49.5	49.6	49.6
GE 1800	49.2	49.2	49.4	49.5	49.7	49.7	49.7	49.8	49.8	50.0	50.0	50.0	50.2	50.2	50.3	50.4
GE 1500	52.6	52.7	53.1	53.2	53.4	53.4	53.5	53.5	53.6	53.7	53.8	53.8	53.9	54.0	54.0	54.1
GE 1200	56.3	56.5	56.9	57.0	57.4	57.4	57.5	57.5	57.5	57.7	57.8	57.8	57.9	58.0	58.0	58.1
GE 1000	62.7	63.0	64.0	64.3	65.0	65.0	65.3	65.4	65.4	65.6	65.7	65.7	65.8	65.9	65.9	66.0
GE 900	62.9	63.2	64.2	64.4	65.2	65.2	65.5	65.6	65.6	65.8	65.9	65.9	66.0	66.1	66.2	66.2
GE 800	64.5	64.8	66.0	66.3	67.3	67.3	67.7	67.8	67.8	68.1	68.2	68.2	68.3	68.4	68.5	68.5
GE 700	66.3	66.7	68.1	68.5	69.7	69.8	70.3	70.5	70.5	70.8	70.9	70.9	71.1	71.2	71.2	71.3
GE 600	68.5	69.0	70.8	71.3	72.8	72.9	73.6	74.0	74.0	74.4	74.4	74.4	74.6	74.7	74.7	74.8
GE 500	71.1	71.7	74.2	74.8	76.7	76.8	78.0	78.7	78.7	79.3	79.4	79.4	79.5	79.6	79.7	79.8
GE 400	72.7	73.5	76.3	77.2	79.7	79.8	81.6	82.6	82.8	83.5	83.7	83.8	84.0	84.1	84.2	84.3
GE 300	74.2	75.1	78.5	79.8	82.9	83.1	86.0	87.4	87.6	89.3	90.1	90.2	91.0	91.2	91.5	91.6
GE 200	74.4	75.3	78.7	80.1	83.4	83.6	86.9	88.5	88.9	91.5	92.8	93.1	95.1	95.9	97.0	97.3
GE 100	74.4	75.3	78.7	80.2	83.4	83.7	87.0	88.6	89.0	91.7	93.1	93.4	95.7	96.8	98.5	99.5
GE 000	74.4	75.3	78.7	80.2	83.4	83.7	87.0	88.6	89.0	91.7	93.1	93.4	95.7	96.8	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6989

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	18.7	19.0	19.2	19.2	19.7	19.7	19.8	19.8	19.8	19.8	20.1	20.1	20.6	20.7	20.9	20.9
GE 20000	19.5	19.8	20.0	20.0	20.5	20.5	20.6	20.6	20.6	20.6	20.9	20.9	21.4	21.5	21.7	21.7
GE 18000	19.9	20.1	20.3	20.3	20.8	20.8	20.9	20.9	20.9	20.9	21.3	21.3	21.7	21.9	22.1	22.1
GE 16000	20.2	20.5	20.7	20.7	21.2	21.2	21.3	21.3	21.3	21.3	21.6	21.6	22.1	22.2	22.4	22.4
GE 14000	20.7	20.9	21.2	21.2	21.6	21.6	21.7	21.7	21.7	21.7	22.1	22.1	22.6	22.7	22.9	22.9
GE 12000	21.3	21.5	21.7	21.7	22.2	22.2	22.3	22.3	22.3	22.3	22.7	22.7	23.1	23.3	23.5	23.5
GE 10000	23.4	23.6	23.8	23.8	24.3	24.3	24.4	24.4	24.4	24.4	24.8	24.8	25.2	25.3	25.6	25.6
GE 9000	23.6	23.8	24.1	24.1	24.5	24.5	24.7	24.7	24.7	24.7	25.0	25.0	25.5	25.6	25.8	25.8
GE 8000	25.7	25.9	26.2	26.2	26.6	26.6	26.7	26.7	26.7	26.7	27.1	27.1	27.6	27.7	27.9	27.9
GE 7000	26.5	26.7	27.0	27.0	27.4	27.4	27.6	27.6	27.6	27.6	27.9	27.9	28.4	28.5	28.7	28.7
GE 6000	28.8	29.1	29.3	29.3	29.8	29.8	29.9	29.9	29.9	29.9	30.2	30.2	30.7	30.8	31.0	31.0
GE 5000	31.5	31.7	32.0	32.0	32.4	32.4	32.6	32.6	32.6	32.6	33.0	33.0	33.5	33.6	33.8	33.8
GE 4500	31.9	32.1	32.3	32.3	32.8	32.8	32.9	32.9	32.9	32.9	33.4	33.4	33.8	34.0	34.2	34.2
GE 4000	33.6	33.8	34.1	34.1	34.5	34.5	34.7	34.7	34.7	34.7	35.2	35.2	35.7	35.8	36.0	36.0
GE 3500	34.4	34.7	34.9	34.9	35.3	35.3	35.5	35.5	35.5	35.5	36.0	36.0	36.5	36.6	36.9	36.9
GE 3000	37.4	37.7	37.9	37.9	38.4	38.4	38.5	38.5	38.5	38.5	39.1	39.1	39.5	39.7	39.9	39.9
GE 2500	38.4	38.6	38.8	38.8	39.3	39.3	39.4	39.4	39.4	39.4	40.0	40.0	40.5	40.6	40.8	40.8
GE 2000	42.6	42.8	43.7	43.7	44.2	44.2	44.3	44.3	44.5	44.5	45.1	45.1	45.6	45.8	46.0	46.0
GE 1800	43.3	43.5	44.4	44.4	44.9	44.9	45.0	45.0	45.2	45.2	45.8	45.8	46.3	46.5	46.7	46.7
GE 1500	48.6	48.8	50.1	50.2	51.0	51.0	51.4	51.4	51.6	51.6	52.2	52.2	52.7	52.9	53.1	53.1
GE 1200	51.3	51.7	53.1	53.3	54.2	54.2	54.7	54.7	54.9	55.0	55.7	55.7	56.2	56.4	56.6	56.6
GE 1000	57.7	58.3	60.6	61.5	63.4	63.4	64.2	64.2	64.4	64.5	65.2	65.2	65.7	65.9	66.2	66.2
GE 900	58.5	59.1	61.4	62.3	64.2	64.2	65.1	65.1	65.3	65.5	66.2	66.2	66.6	66.9	67.1	67.1
GE 800	59.4	60.2	63.3	64.3	66.5	66.5	67.7	67.7	67.9	68.0	68.7	68.7	69.2	69.4	69.7	69.7
GE 700	61.5	62.6	65.6	66.7	69.2	69.2	70.3	70.3	70.6	70.7	71.4	71.4	71.9	72.1	72.3	72.3
GE 600	64.5	65.6	68.7	70.0	72.9	72.9	74.2	74.3	74.5	74.7	75.3	75.3	75.9	76.2	76.4	76.4
GE 500	67.8	69.0	73.3	75.3	78.5	78.6	80.1	80.6	80.8	81.3	82.0	82.0	82.6	82.8	83.0	83.0
GE 400	69.1	70.3	74.8	77.1	80.6	80.7	82.9	83.7	84.3	85.1	85.9	85.9	86.5	86.7	87.0	87.0
GE 300	69.7	71.2	76.0	78.8	82.7	82.8	85.6	86.7	87.4	89.1	90.8	90.8	91.9	92.1	92.4	92.4
GE 200	69.8	71.3	76.2	79.0	83.3	83.4	86.7	88.5	89.2	91.5	94.1	94.1	96.4	96.9	97.9	97.9
GE 100	69.8	71.3	76.2	79.0	83.3	83.4	87.0	88.8	89.5	92.1	95.1	95.1	97.6	98.0	99.7	100.0
GE 000	69.8	71.3	76.2	79.0	83.3	83.4	87.0	88.8	89.5	92.1	95.1	95.1	97.6	98.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 860

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	17.7	17.7	17.7	17.7	18.1	18.1	18.2	18.3	18.3	18.3	18.6	18.6	19.4	19.4	19.4	19.4
GE 20000	18.3	18.3	18.3	18.3	18.7	18.7	18.8	18.9	18.9	18.9	19.1	19.1	20.0	20.0	20.0	20.0
GE 18000	18.3	18.3	18.3	18.3	18.7	18.7	18.8	18.9	18.9	18.9	19.1	19.1	20.0	20.0	20.0	20.0
GE 16000	18.3	18.3	18.3	18.3	18.7	18.7	18.8	18.9	18.9	18.9	19.1	19.1	20.0	20.0	20.0	20.0
GE 14000	18.4	18.4	18.4	18.4	18.8	18.8	18.9	19.0	19.0	19.0	19.3	19.3	20.1	20.1	20.1	20.1
GE 12000	18.9	18.9	18.9	18.9	19.3	19.3	19.4	19.5	19.5	19.5	19.7	19.7	20.6	20.6	20.6	20.6
GE 10000	22.0	22.0	22.0	22.0	22.3	22.3	22.5	22.6	22.6	22.6	22.8	22.8	23.6	23.6	23.6	23.6
GE 9000	22.5	22.5	22.5	22.5	22.8	22.8	22.9	23.0	23.0	23.0	23.3	23.3	24.1	24.1	24.1	24.1
GE 8000	25.1	25.1	25.1	25.1	25.4	25.4	25.5	25.7	25.7	25.8	26.1	26.1	27.0	27.0	27.0	27.0
GE 7000	26.1	26.2	26.2	26.2	26.6	26.6	26.7	26.8	26.8	27.0	27.3	27.3	28.1	28.1	28.1	28.1
GE 6000	28.4	28.5	28.5	28.5	28.8	28.8	29.0	29.1	29.1	29.2	29.6	29.6	30.4	30.4	30.4	30.4
GE 5000	30.7	30.9	31.0	31.0	31.3	31.3	31.4	31.6	31.6	31.7	32.0	32.0	33.2	33.2	33.3	33.3
GE 4500	31.2	31.3	31.4	31.4	31.8	31.8	31.9	32.0	32.0	32.2	32.5	32.5	33.7	33.7	33.8	33.8
GE 4000	32.4	32.5	32.6	32.6	33.0	33.0	33.1	33.2	33.2	33.3	33.7	33.7	34.9	34.9	35.0	35.0
GE 3500	32.4	32.5	32.6	32.6	33.0	33.0	33.1	33.2	33.2	33.3	33.7	33.7	34.9	34.9	35.0	35.0
GE 3000	36.9	37.1	37.4	37.4	37.7	37.7	37.8	37.9	37.9	38.1	38.4	38.4	39.6	39.6	39.7	39.7
GE 2500	38.9	39.1	39.4	39.4	39.7	39.7	40.0	40.1	40.1	40.2	40.5	40.5	41.7	41.7	41.8	41.8
GE 2000	43.1	43.4	44.2	44.2	44.6	44.6	44.8	44.9	44.9	45.2	45.5	45.5	46.7	46.7	46.8	46.8
GE 1800	44.2	44.4	45.3	45.4	45.7	45.7	46.0	46.1	46.1	46.3	46.7	46.7	47.9	47.9	48.0	48.0
GE 1500	48.2	48.8	50.2	50.4	51.1	51.1	51.5	51.7	51.7	51.9	52.2	52.2	53.4	53.4	53.5	53.5
GE 1200	50.8	51.5	53.3	53.4	54.4	54.4	54.8	55.0	55.0	55.2	55.6	55.6	56.7	56.7	56.9	56.9
GE 1000	55.8	57.1	59.8	60.2	62.2	62.2	62.8	63.2	63.2	63.5	63.8	63.8	65.0	65.0	65.1	65.1
GE 900	57.2	58.5	61.2	61.6	63.6	63.6	64.2	64.7	64.7	64.9	65.2	65.2	66.4	66.4	66.5	66.5
GE 800	58.3	59.6	62.4	62.8	65.2	65.2	66.0	66.4	66.4	66.7	67.0	67.0	68.2	68.2	68.3	68.3
GE 700	60.9	62.8	65.8	66.3	68.8	68.8	69.9	70.3	70.6	70.8	71.2	71.2	72.3	72.3	72.5	72.5
GE 600	63.0	65.1	68.4	68.9	72.0	72.0	73.5	74.1	74.3	74.6	74.9	74.9	76.1	76.1	76.2	76.2
GE 500	66.7	69.1	73.3	74.2	77.9	77.9	79.9	81.2	81.4	82.5	82.9	82.9	84.3	84.3	84.5	84.5
GE 400	68.1	70.8	75.7	76.8	80.9	81.0	83.3	84.9	85.2	86.6	87.0	87.0	88.4	88.4	88.7	88.7
GE 300	68.4	71.2	76.0	77.2	81.6	81.7	84.6	86.5	87.2	89.1	89.6	89.6	92.1	92.1	92.4	92.4
GE 200	68.4	71.2	76.0	77.3	81.8	81.9	85.2	87.4	88.1	90.9	92.3	92.3	96.6	96.9	97.6	98.1
GE 100	68.4	71.2	76.0	77.3	81.8	81.9	85.2	87.4	88.1	91.1	92.7	92.7	97.2	97.8	99.2	100.0
GE 000	68.4	71.2	76.0	77.3	81.8	81.9	85.2	87.4	88.1	91.1	92.7	92.7	97.2	97.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	15.3	15.3	15.3	15.4	15.9	15.9	16.1	16.2	16.3	16.7	16.9	16.9	17.1	17.4	17.5	17.5
GE 20000	15.9	15.9	15.9	16.0	16.5	16.5	16.7	16.8	16.9	17.3	17.5	17.5	17.7	18.0	18.1	18.1
GE 18000	16.1	16.1	16.1	16.2	16.7	16.7	16.9	17.0	17.1	17.5	17.7	17.7	18.0	18.2	18.3	18.3
GE 16000	16.1	16.1	16.1	16.2	16.7	16.7	16.9	17.0	17.1	17.5	17.7	17.7	18.0	18.2	18.3	18.3
GE 14000	17.1	17.1	17.1	17.3	17.7	17.7	18.0	18.1	18.2	18.5	18.8	18.8	19.0	19.2	19.3	19.3
GE 12000	17.6	17.6	17.6	17.7	18.2	18.2	18.4	18.5	18.6	19.0	19.2	19.2	19.4	19.7	19.8	19.8
GE 10000	20.0	20.0	20.0	20.1	20.6	20.6	20.8	20.9	21.1	21.4	21.6	21.6	21.9	22.1	22.2	22.2
GE 9000	20.5	20.5	20.5	20.6	21.1	21.1	21.4	21.5	21.6	22.0	22.2	22.2	22.4	22.7	22.8	22.8
GE 8000	22.7	22.8	22.8	22.9	23.4	23.4	23.7	23.8	23.9	24.3	24.5	24.5	24.7	25.0	25.1	25.1
GE 7000	23.8	24.1	24.1	24.2	24.6	24.6	25.0	25.1	25.2	25.7	25.9	25.9	26.1	26.4	26.5	26.5
GE 6000	26.4	26.6	26.6	26.7	27.2	27.2	27.5	27.6	27.7	28.2	28.5	28.5	28.9	29.1	29.2	29.5
GE 5000	29.7	29.9	30.0	30.4	30.8	30.8	31.2	31.3	31.4	32.0	32.3	32.3	32.8	33.0	33.3	33.5
GE 4500	30.3	30.5	30.6	31.0	31.4	31.4	31.8	31.9	32.0	32.6	32.9	32.9	33.4	33.6	33.8	34.1
GE 4000	32.1	32.5	32.6	32.9	33.5	33.5	33.8	33.9	34.1	34.8	35.1	35.1	35.6	35.8	36.0	36.2
GE 3500	32.9	33.3	33.4	33.7	34.3	34.3	34.6	34.8	34.9	35.6	35.9	35.9	36.4	36.6	36.8	37.1
GE 3000	36.4	36.9	37.2	37.9	38.8	38.8	39.1	39.2	39.4	40.0	40.4	40.4	40.9	41.1	41.3	41.5
GE 2500	37.7	38.3	38.6	39.4	40.3	40.3	40.7	40.9	41.0	41.7	42.0	42.0	42.5	42.7	42.9	43.2
GE 2000	41.2	41.8	42.0	42.8	44.1	44.1	44.5	44.8	45.0	45.7	46.0	46.0	46.5	46.7	47.1	47.3
GE 1800	42.3	42.9	43.3	44.2	45.5	45.5	45.9	46.1	46.5	47.2	47.5	47.5	48.0	48.2	48.6	48.8
GE 1500	45.5	46.0	46.7	47.6	49.0	49.0	49.6	49.8	50.2	50.9	51.2	51.2	51.7	51.9	52.2	52.5
GE 1200	48.7	49.4	50.4	51.4	53.3	53.3	53.9	54.1	54.4	55.1	55.5	55.5	55.9	56.2	56.5	56.7
GE 1000	53.9	54.8	57.2	58.6	61.9	61.9	62.8	63.3	63.6	64.7	65.0	65.0	65.5	65.7	66.1	66.3
GE 900	54.4	55.4	57.8	59.1	62.6	62.6	63.5	64.0	64.3	65.4	65.7	65.7	66.2	66.4	66.9	67.1
GE 800	56.0	57.1	59.8	61.2	64.8	64.8	65.9	66.6	67.0	68.1	68.6	68.6	69.0	69.3	69.7	70.0
GE 700	56.7	58.1	60.9	62.8	67.2	67.3	68.7	69.7	70.2	71.3	71.8	71.8	72.3	72.5	73.0	73.2
GE 600	57.7	59.1	62.3	64.3	68.8	68.9	70.3	71.6	72.2	73.8	74.2	74.2	74.7	74.9	75.4	75.6
GE 500	59.6	61.6	65.5	67.9	73.1	73.2	75.5	77.8	78.4	80.4	80.9	80.9	81.4	81.8	82.3	82.5
GE 400	60.0	62.1	66.3	69.2	74.8	75.0	78.0	80.4	81.2	83.8	84.8	84.8	85.4	86.0	86.4	86.7
GE 300	60.0	62.3	66.6	69.7	75.6	75.9	79.4	82.0	83.1	86.4	88.7	88.7	90.1	91.3	91.9	92.2
GE 200	60.0	62.3	66.6	69.7	75.6	75.9	79.5	82.5	83.8	87.7	91.5	91.7	94.4	96.2	97.8	98.4
GE 100	60.0	62.3	66.6	69.7	75.6	75.9	79.5	82.5	83.8	87.7	91.5	91.7	94.8	96.7	98.7	99.7
GE 000	60.0	62.3	66.6	69.7	75.6	75.9	79.5	82.5	83.8	87.7	91.5	91.7	94.8	96.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 869

D - 2 - 75

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	15.5	15.5	15.5	15.5	15.7	15.7	15.8	15.9	16.0	16.6	16.6	16.6	16.8	16.9	17.1	17.2
GE 20000	16.0	16.0	16.0	16.0	16.1	16.1	16.2	16.4	16.5	17.1	17.1	17.1	17.3	17.4	17.5	17.6
GE 18000	16.5	16.5	16.5	16.5	16.6	16.6	16.7	16.8	16.9	17.5	17.5	17.5	17.8	17.9	18.0	18.1
GE 16000	16.5	16.5	16.5	16.5	16.6	16.6	16.7	16.8	16.9	17.5	17.5	17.5	17.8	17.9	18.0	18.1
GE 14000	17.5	17.5	17.5	17.5	17.6	17.6	17.8	17.9	18.0	18.6	18.6	18.6	18.8	18.9	19.0	19.2
GE 12000	18.7	18.7	18.7	18.7	18.8	18.8	18.9	19.0	19.2	19.7	19.7	19.7	20.0	20.1	20.2	20.3
GE 10000	19.6	19.6	19.7	19.7	19.9	19.9	20.0	20.1	20.2	20.8	20.8	20.8	21.0	21.1	21.3	21.4
GE 9000	21.0	21.0	21.1	21.1	21.3	21.3	21.4	21.5	21.6	22.2	22.2	22.2	22.4	22.5	22.7	22.8
GE 8000	23.5	23.5	23.6	23.6	23.7	23.7	23.8	23.9	24.1	24.6	24.6	24.6	24.9	25.0	25.1	25.2
GE 7000	25.9	25.9	26.1	26.1	26.2	26.2	26.3	26.4	26.5	27.2	27.2	27.2	27.5	27.6	27.7	27.8
GE 6000	28.2	28.2	28.3	28.3	28.4	28.4	28.5	28.6	28.7	29.6	29.6	29.6	29.8	29.9	30.0	30.1
GE 5000	32.1	32.2	32.6	32.7	32.9	32.9	33.1	33.2	33.3	34.1	34.1	34.1	34.3	34.6	34.7	34.8
GE 4500	32.4	32.5	32.8	32.9	33.2	33.2	33.3	33.4	33.5	34.3	34.3	34.3	34.6	34.8	34.9	35.0
GE 4000	34.3	34.5	34.8	34.9	35.2	35.2	35.3	35.4	35.5	36.3	36.3	36.3	36.6	36.8	36.9	37.0
GE 3500	35.2	35.4	35.7	35.9	36.1	36.1	36.2	36.3	36.4	37.3	37.3	37.3	37.5	37.7	37.9	38.0
GE 3000	37.0	37.3	37.6	37.7	38.0	38.0	38.1	38.2	38.3	39.1	39.1	39.1	39.4	39.6	39.7	39.8
GE 2500	37.7	38.1	38.4	38.6	38.9	38.9	39.0	39.1	39.3	40.1	40.1	40.1	40.3	40.5	40.7	40.8
GE 2000	40.9	41.4	41.9	42.4	43.5	43.6	43.8	43.9	44.0	44.9	44.9	44.9	45.1	45.3	45.4	45.6
GE 1800	41.7	42.3	43.0	43.7	44.7	44.9	45.1	45.2	45.3	46.1	46.1	46.1	46.4	46.6	46.7	46.8
GE 1500	46.1	46.8	47.8	48.6	50.0	50.1	50.5	50.6	50.7	51.5	51.5	51.5	51.8	52.0	52.1	52.2
GE 1200	48.7	49.5	50.8	52.1	54.0	54.1	54.7	54.8	54.9	55.7	55.7	55.7	56.0	56.2	56.3	56.4
GE 1000	54.1	54.9	57.1	58.6	61.6	61.7	63.2	63.9	64.0	65.3	65.5	65.5	65.8	66.0	66.1	66.2
GE 900	54.1	54.9	57.1	58.8	61.9	62.0	63.7	64.4	64.5	65.8	66.0	66.0	66.2	66.5	66.6	66.7
GE 800	55.4	56.4	59.0	60.6	64.1	64.3	66.0	66.9	67.1	68.5	68.7	68.7	68.9	69.2	69.3	69.4
GE 700	57.2	58.4	61.1	63.1	66.7	66.8	68.6	69.5	69.7	71.1	71.4	71.4	71.6	71.8	72.0	72.1
GE 600	59.0	60.2	63.1	65.3	69.4	69.7	71.5	72.5	72.8	74.3	74.5	74.5	74.8	75.0	75.1	75.2
GE 500	60.6	62.1	65.5	68.2	73.5	74.2	76.8	78.0	78.5	80.3	80.5	80.5	80.7	81.0	81.1	81.2
GE 400	61.7	63.7	67.9	70.7	76.1	76.9	80.1	82.1	83.4	85.6	86.4	86.4	86.8	87.0	87.3	87.4
GE 300	62.5	64.5	68.9	72.1	78.2	79.0	82.5	85.0	87.0	90.8	92.1	92.1	93.3	93.6	93.8	93.9
GE 200	62.5	64.5	68.9	72.3	78.5	79.3	83.4	86.2	88.2	92.5	94.5	94.5	97.3	97.9	98.7	99.1
GE 100	62.5	64.5	68.9	72.3	78.5	79.3	83.4	86.2	88.2	92.5	94.6	94.6	97.4	98.0	99.1	99.9
GE 000	62.5	64.5	68.9	72.3	78.5	79.3	83.4	86.2	88.2	92.5	94.6	94.6	97.4	98.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 856

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	18.5	18.5	18.5	18.5	18.6	18.6	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
GE 20000	19.9	19.9	19.9	19.9	20.0	20.0	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
GE 18000	20.6	20.6	20.6	20.6	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
GE 16000	20.6	20.6	20.6	20.6	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
GE 14000	21.9	21.9	21.9	21.9	22.0	22.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
GE 12000	23.2	23.2	23.2	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 10000	25.4	25.4	25.4	25.4	25.6	25.6	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
GE 9000	26.2	26.2	26.2	26.2	26.5	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
GE 8000	28.0	28.0	28.0	28.0	28.2	28.2	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 7000	29.1	29.3	29.3	29.3	29.5	29.5	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
GE 6000	30.5	30.7	30.7	30.7	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
GE 5000	33.5	33.8	33.8	33.8	34.1	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 4500	33.6	33.9	33.9	33.9	34.2	34.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 4000	35.4	35.6	35.6	35.6	36.0	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 3500	35.9	36.1	36.1	36.1	36.5	36.5	36.6	36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 3000	37.2	37.4	37.4	37.4	38.1	38.1	38.2	38.2	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 2500	38.5	38.7	38.7	38.7	39.5	39.5	39.6	39.6	39.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 2000	42.0	42.2	42.5	42.6	43.4	43.4	43.5	43.6	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 1800	43.9	44.2	44.6	44.7	45.5	45.5	45.6	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 1500	49.4	49.8	50.5	50.6	51.6	51.6	52.2	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 1200	53.8	54.2	55.5	55.9	57.6	57.6	58.2	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 1000	59.8	60.2	62.2	62.9	65.8	65.8	66.9	67.4	67.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 900	60.1	60.6	62.7	63.4	66.2	66.2	67.4	67.9	68.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 800	61.3	62.1	64.6	65.3	68.1	68.1	69.4	70.1	70.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 700	62.5	63.3	65.8	66.5	69.3	69.3	70.6	71.3	71.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8
GE 600	65.3	66.4	69.3	70.1	73.6	73.6	75.6	76.5	76.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1
GE 500	67.6	68.9	72.4	73.5	78.1	78.5	81.3	82.4	82.7	84.2	84.4	84.4	84.4	84.4	84.4	84.4
GE 400	69.9	71.6	75.6	77.2	82.4	82.8	85.9	87.3	88.5	90.4	90.6	90.6	90.6	90.6	90.6	90.6
GE 300	70.8	72.6	76.8	78.5	84.2	84.7	88.2	89.8	91.2	93.8	94.8	94.8	95.3	95.3	95.3	95.3
GE 200	70.8	72.6	77.1	78.7	84.5	85.3	89.3	90.9	92.5	95.5	97.4	97.4	98.4	98.8	99.3	99.4
GE 100	70.8	72.6	77.1	78.7	84.5	85.3	89.3	90.9	92.5	95.5	97.4	97.4	98.5	99.1	99.9	100.0
GE 000	70.8	72.6	77.1	78.7	84.5	85.3	89.3	90.9	92.5	95.5	97.4	97.4	98.5	99.1	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 850

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.3	18.3	18.6	18.6
GE 20000	19.0	19.0	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.4	19.4	19.6	19.6
GE 18000	20.0	20.0	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.3	20.3	20.5	20.5
GE 16000	20.2	20.2	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.5	20.5	20.8	20.8
GE 14000	21.0	21.0	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.3	21.3	21.6	21.6
GE 12000	22.1	22.1	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.5	22.5	22.7	22.7
GE 10000	24.8	24.9	25.1	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.5	25.5	25.7	25.7
GE 9000	25.6	25.7	26.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.3	26.3	26.5	26.5
GE 8000	27.0	27.1	27.3	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.7	27.7	27.9	27.9
GE 7000	28.8	29.0	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.5	29.5	29.8	29.8
GE 6000	29.6	29.8	30.0	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.4	30.4	30.7	30.7
GE 5000	32.2	32.3	32.5	32.6	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.1	33.1	33.3	33.3
GE 4500	32.3	32.4	32.6	32.8	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.2	33.2	33.4	33.4
GE 4000	35.1	35.2	35.4	35.5	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	36.0	36.0	36.2	36.2
GE 3500	35.9	36.0	36.2	36.3	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.9	36.9	37.1	37.1
GE 3000	36.8	36.9	37.3	37.5	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	38.1	38.1	38.3	38.3
GE 2500	38.3	38.4	38.8	39.0	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.6	39.6	39.8	39.8
GE 2000	42.1	42.2	42.7	43.1	43.7	43.7	44.1	44.2	44.2	44.3	44.3	44.3	44.5	44.5	44.8	44.8
GE 1800	43.9	44.1	44.6	45.1	45.7	45.7	46.0	46.1	46.1	46.3	46.3	46.3	46.5	46.5	46.7	46.7
GE 1500	49.7	49.9	50.9	51.3	52.1	52.1	52.6	52.7	52.7	52.8	52.8	52.8	53.1	53.1	53.3	53.3
GE 1200	54.7	55.0	56.2	56.7	58.1	58.1	59.1	59.2	59.2	59.4	59.4	59.4	59.6	59.6	59.9	59.9
GE 1000	60.4	60.8	62.5	63.6	66.3	66.3	67.6	68.5	68.5	68.9	68.9	68.9	69.1	69.1	69.3	69.3
GE 900	60.8	61.1	62.9	63.9	66.7	66.7	68.3	69.2	69.2	69.6	69.6	69.6	69.8	69.8	70.0	70.0
GE 800	62.9	63.3	65.3	66.3	69.2	69.2	70.8	71.7	71.7	72.2	72.2	72.2	72.4	72.4	72.7	72.7
GE 700	64.6	65.3	67.2	68.3	71.2	71.3	73.2	74.3	74.3	75.2	75.2	75.2	75.4	75.4	75.7	75.7
GE 600	66.3	67.1	69.7	70.9	74.0	74.3	76.7	77.9	77.9	78.9	78.9	78.9	79.1	79.1	79.4	79.4
GE 500	69.2	70.0	73.1	75.0	78.3	78.7	81.5	83.4	83.4	85.2	85.4	85.4	85.7	85.7	85.9	85.9
GE 400	71.4	72.5	75.8	78.1	81.4	81.8	85.2	87.2	87.5	90.1	90.2	90.2	90.5	90.5	90.8	90.8
GE 300	72.2	73.5	77.2	79.5	82.8	83.2	87.2	89.5	90.2	93.7	94.2	94.2	95.0	95.0	95.4	95.4
GE 200	72.2	73.5	77.2	79.5	82.9	83.6	87.9	90.3	91.0	95.5	96.8	96.8	97.9	98.0	98.4	98.4
GE 100	72.2	73.5	77.2	79.5	82.9	83.6	87.9	90.3	91.0	95.6	97.2	97.2	98.4	98.5	99.3	99.4
GE 000	72.2	73.5	77.2	79.5	82.9	83.6	87.9	90.3	91.0	95.6	97.2	97.2	98.6	98.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 867

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	17.9	17.9	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.6	18.6	18.7	18.8	19.1	19.1
GE 20000	19.0	19.0	19.3	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.7	19.7	19.8	19.9	20.1	20.1
GE 18000	19.8	19.8	20.1	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.5	20.5	20.6	20.7	20.9	20.9
GE 16000	19.8	19.8	20.1	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.5	20.5	20.6	20.7	20.9	20.9
GE 14000	20.0	20.0	20.3	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.7	20.7	20.8	20.9	21.2	21.2
GE 12000	20.7	20.7	21.0	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.4	21.4	21.5	21.6	21.8	21.8
GE 10000	22.8	22.8	23.2	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.7	23.7	23.8	23.9	24.2	24.2
GE 9000	23.1	23.1	23.6	23.8	23.8	23.8	23.8	23.8	23.8	23.8	24.0	24.0	24.2	24.3	24.5	24.5
GE 8000	25.8	25.8	26.2	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.8	26.8	26.9	27.1	27.3	27.3
GE 7000	28.1	28.2	28.7	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.2	29.2	29.4	29.5	29.7	29.7
GE 6000	30.2	30.3	30.8	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.3	31.3	31.4	31.6	31.8	31.8
GE 5000	32.7	32.8	33.3	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.9	33.9	34.0	34.1	34.3	34.3
GE 4500	32.9	33.1	33.5	33.8	33.9	33.9	33.9	33.9	33.9	33.9	34.1	34.1	34.2	34.3	34.6	34.6
GE 4000	35.7	35.8	36.3	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.9	36.9	37.0	37.1	37.3	37.3
GE 3500	36.1	36.2	36.6	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.2	37.2	37.3	37.5	37.7	37.7
GE 3000	37.0	37.1	37.7	37.9	38.3	38.3	38.4	38.4	38.4	38.4	38.6	38.6	38.8	39.1	39.3	39.3
GE 2500	39.7	39.8	40.3	40.6	41.0	41.0	41.2	41.2	41.2	41.2	41.4	41.4	41.6	41.8	42.1	42.1
GE 2000	43.1	43.4	44.0	44.4	45.0	45.0	45.2	45.2	45.2	45.2	45.4	45.4	45.7	45.9	46.1	46.1
GE 1800	44.2	44.6	45.4	45.8	46.4	46.4	46.6	46.6	46.6	46.6	46.8	46.8	47.1	47.3	47.5	47.5
GE 1500	50.1	50.6	51.4	51.8	53.1	53.1	53.6	53.8	53.8	53.8	54.1	54.1	54.3	54.6	54.8	54.8
GE 1200	53.3	53.9	54.9	55.4	56.8	56.8	57.5	57.6	57.6	57.6	57.9	57.9	58.2	58.4	58.6	58.6
GE 1000	58.8	59.7	61.0	62.0	65.0	65.1	66.4	66.7	66.7	66.9	67.3	67.3	67.5	67.7	68.0	68.0
GE 900	59.2	60.0	61.5	62.5	65.5	65.7	66.9	67.3	67.3	67.7	68.1	68.1	68.3	68.6	68.8	68.8
GE 800	60.7	61.5	63.2	64.4	67.7	67.9	69.5	69.8	69.8	70.4	70.8	70.8	71.1	71.3	71.6	71.6
GE 700	62.8	63.8	65.7	66.9	70.3	70.4	72.1	72.6	72.6	73.8	74.1	74.1	74.5	74.7	74.9	74.9
GE 600	63.8	65.1	67.3	68.8	72.8	72.9	74.8	75.3	75.4	76.6	77.0	77.0	77.3	77.6	77.8	77.8
GE 500	66.0	67.4	70.3	72.1	76.8	76.9	79.5	80.5	80.6	82.2	82.5	82.5	83.1	83.4	83.6	83.6
GE 400	67.6	69.1	72.3	74.5	79.4	79.5	82.5	83.8	84.0	85.9	86.2	86.2	86.9	87.3	87.7	87.7
GE 300	68.1	69.7	72.9	75.3	80.5	80.6	84.5	86.2	86.9	90.2	91.2	91.2	92.3	92.6	93.3	93.3
GE 200	68.2	69.8	73.2	75.5	80.8	81.3	85.5	87.3	88.1	91.7	93.5	93.8	96.3	97.0	97.9	97.9
GE 100	68.2	69.8	73.2	75.5	80.8	81.3	85.5	87.3	88.1	91.7	93.5	93.8	96.6	97.3	98.6	99.0
GE 000	68.2	69.8	73.2	75.5	80.8	81.3	85.5	87.3	88.1	91.7	93.5	93.8	97.0	97.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 865

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	18.5	18.5	18.7	18.7	18.9	18.9	19.0	19.0	19.1	19.3	19.3	19.3	19.7	19.9	19.9	19.9
GE 20000	19.3	19.4	19.7	19.7	19.9	19.9	20.1	20.1	20.2	20.5	20.5	20.5	20.8	21.0	21.0	21.0
GE 18000	19.5	19.7	19.9	19.9	20.1	20.1	20.3	20.3	20.5	20.7	20.7	20.7	21.0	21.3	21.3	21.3
GE 16000	19.8	19.9	20.1	20.1	20.3	20.3	20.6	20.6	20.7	20.9	20.9	20.9	21.3	21.5	21.5	21.5
GE 14000	20.3	20.5	20.7	20.7	20.9	20.9	21.1	21.1	21.3	21.5	21.5	21.5	21.8	22.1	22.1	22.1
GE 12000	22.0	22.1	22.3	22.3	22.5	22.5	22.8	22.8	22.9	23.1	23.1	23.1	23.4	23.7	23.7	23.7
GE 10000	23.9	24.0	24.3	24.3	24.5	24.5	24.7	24.7	24.8	25.1	25.1	25.1	25.4	25.6	25.6	25.6
GE 9000	24.0	24.1	24.4	24.4	24.6	24.6	24.8	24.8	24.9	25.2	25.2	25.2	25.5	25.7	25.7	25.7
GE 8000	26.2	26.3	26.6	26.6	26.8	26.8	27.0	27.0	27.1	27.4	27.4	27.4	27.7	27.9	27.9	27.9
GE 7000	27.0	27.1	27.5	27.5	27.7	27.7	27.9	27.9	28.0	28.3	28.3	28.3	28.6	28.9	28.9	28.9
GE 6000	29.0	29.1	29.4	29.4	29.7	29.7	29.9	29.9	30.0	30.2	30.2	30.2	30.6	30.8	30.8	30.8
GE 5000	31.1	31.3	31.6	31.6	31.8	31.8	32.1	32.1	32.2	32.4	32.4	32.4	32.8	33.0	33.0	33.0
GE 4500	31.6	31.7	32.1	32.1	32.3	32.3	32.5	32.5	32.6	32.9	32.9	32.9	33.2	33.4	33.4	33.4
GE 4000	34.5	34.6	34.9	34.9	35.2	35.2	35.4	35.4	35.5	35.7	35.7	35.7	36.1	36.3	36.3	36.3
GE 3500	35.2	35.3	35.6	35.6	35.9	35.9	36.1	36.1	36.2	36.4	36.4	36.4	36.8	37.0	37.0	37.0
GE 3000	36.8	36.9	37.6	37.8	38.2	38.2	38.5	38.5	38.6	38.9	38.9	38.9	39.2	39.4	39.4	39.4
GE 2500	38.3	38.4	39.3	39.8	40.1	40.1	40.5	40.5	40.6	40.8	40.8	40.8	41.1	41.4	41.4	41.4
GE 2000	41.8	42.1	43.1	43.6	43.9	43.9	44.3	44.3	44.4	44.6	44.6	44.6	44.9	45.2	45.2	45.2
GE 1800	43.0	43.2	44.3	44.7	45.1	45.1	45.4	45.4	45.5	45.7	45.7	45.7	46.1	46.3	46.3	46.3
GE 1500	49.3	49.7	51.0	51.6	52.2	52.2	52.5	52.5	52.6	52.9	52.9	52.9	53.2	53.4	53.4	53.4
GE 1200	51.4	52.0	54.0	54.7	55.5	55.5	55.9	55.9	56.0	56.2	56.2	56.2	56.6	56.8	56.8	56.8
GE 1000	57.8	58.7	62.1	62.9	64.7	64.7	65.1	65.1	65.2	65.4	65.4	65.4	65.7	66.0	66.0	66.0
GE 900	58.5	59.4	62.8	63.6	65.4	65.4	65.7	65.7	65.9	66.1	66.1	66.1	66.4	66.7	66.7	66.7
GE 800	60.3	61.7	65.5	66.4	69.0	69.0	69.4	69.4	69.5	69.8	69.8	69.8	70.1	70.3	70.3	70.3
GE 700	62.6	64.0	68.2	69.3	72.0	72.0	72.8	73.0	73.1	73.4	73.4	73.4	73.8	74.0	74.0	74.0
GE 600	64.4	65.9	70.0	71.1	74.4	74.4	75.5	75.9	76.0	76.3	76.3	76.3	76.8	77.0	77.0	77.0
GE 500	66.9	68.5	73.8	75.5	79.2	79.3	80.5	80.8	80.9	81.4	81.4	81.4	82.0	82.2	82.3	82.3
GE 400	68.2	69.9	75.5	77.5	81.5	81.6	82.9	83.3	83.4	84.0	84.3	84.3	85.2	85.4	85.5	85.5
GE 300	69.3	71.3	76.9	79.0	83.7	83.8	85.9	86.8	87.0	88.6	89.0	89.0	90.6	90.8	90.9	90.9
GE 200	69.7	71.6	77.4	79.5	84.5	84.8	87.4	88.6	88.9	91.4	92.5	92.8	95.6	96.3	96.9	96.9
GE 100	69.7	71.6	77.4	79.5	84.5	84.8	87.5	88.7	89.0	91.7	93.0	93.2	97.1	98.0	99.2	99.3
GE 000	69.7	71.6	77.4	79.5	84.5	84.8	87.5	88.7	89.0	92.0	93.2	93.4	97.5	98.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 870

D - 2 - 80

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	17.5	17.6	17.7	17.7	17.9	17.9	18.0	18.0	18.1	18.2	18.4	18.4	18.7	18.8	18.9	18.9
GE 20000	18.4	18.4	18.5	18.6	18.8	18.8	18.9	18.9	19.0	19.1	19.3	19.3	19.6	19.7	19.8	19.8
GE 18000	18.8	18.9	19.0	19.0	19.2	19.2	19.4	19.4	19.4	19.6	19.7	19.7	20.0	20.1	20.2	20.3
GE 16000	18.9	19.0	19.1	19.1	19.3	19.3	19.5	19.5	19.5	19.7	19.8	19.8	20.1	20.2	20.3	20.4
GE 14000	19.6	19.7	19.8	19.8	20.0	20.0	20.2	20.2	20.2	20.4	20.5	20.5	20.8	20.9	21.0	21.1
GE 12000	20.6	20.6	20.7	20.7	21.0	21.0	21.1	21.1	21.2	21.3	21.4	21.4	21.7	21.9	22.0	22.0
GE 10000	22.7	22.8	23.0	23.0	23.2	23.2	23.4	23.4	23.4	23.6	23.7	23.7	24.0	24.1	24.2	24.3
GE 9000	23.3	23.4	23.5	23.6	23.8	23.8	24.0	24.0	24.0	24.2	24.3	24.3	24.6	24.7	24.8	24.9
GE 8000	25.5	25.6	25.7	25.8	26.0	26.0	26.2	26.2	26.2	26.4	26.5	26.5	26.8	27.0	27.1	27.1
GE 7000	26.9	27.1	27.2	27.3	27.5	27.5	27.7	27.7	27.8	28.0	28.1	28.1	28.4	28.5	28.6	28.6
GE 6000	28.9	29.0	29.2	29.2	29.5	29.5	29.7	29.7	29.7	29.9	30.1	30.1	30.4	30.5	30.6	30.7
GE 5000	31.7	31.9	32.1	32.2	32.5	32.5	32.6	32.7	32.7	32.9	33.1	33.1	33.5	33.6	33.7	33.8
GE 4500	32.0	32.2	32.4	32.5	32.8	32.8	33.0	33.0	33.0	33.3	33.4	33.4	33.8	33.9	34.1	34.1
GE 4000	34.1	34.3	34.5	34.7	35.0	35.0	35.1	35.1	35.2	35.4	35.6	35.6	36.0	36.1	36.2	36.3
GE 3500	34.7	34.9	35.2	35.3	35.6	35.6	35.7	35.8	35.8	36.1	36.2	36.2	36.6	36.7	36.9	36.9
GE 3000	36.9	37.2	37.5	37.7	38.2	38.2	38.3	38.4	38.4	38.6	38.8	38.8	39.2	39.4	39.5	39.5
GE 2500	38.4	38.7	39.0	39.3	39.8	39.8	40.0	40.0	40.1	40.3	40.5	40.5	40.9	41.0	41.2	41.2
GE 2000	42.1	42.4	43.0	43.4	44.0	44.1	44.3	44.4	44.5	44.8	45.0	45.0	45.3	45.5	45.6	45.7
GE 1800	43.3	43.7	44.4	44.7	45.4	45.4	45.7	45.8	45.9	46.2	46.4	46.4	46.8	46.9	47.1	47.1
GE 1500	48.4	48.8	49.8	50.3	51.3	51.3	51.8	51.9	52.0	52.2	52.4	52.4	52.8	53.0	53.1	53.2
GE 1200	51.6	52.2	53.5	54.1	55.5	55.5	56.1	56.2	56.3	56.6	56.9	56.9	57.2	57.4	57.5	57.6
GE 1000	57.3	58.1	60.3	61.3	63.9	63.9	64.9	65.3	65.4	66.0	66.2	66.2	66.6	66.8	66.9	67.0
GE 900	57.9	58.6	60.9	61.9	64.5	64.6	65.6	66.0	66.1	66.7	67.0	67.0	67.4	67.5	67.7	67.7
GE 800	59.3	60.2	62.9	63.9	66.8	66.9	68.1	68.6	68.7	69.4	69.6	69.6	70.1	70.2	70.4	70.4
GE 700	61.1	62.3	65.0	66.3	69.3	69.4	70.8	71.4	71.6	72.4	72.7	72.7	73.1	73.2	73.4	73.4
GE 600	63.0	64.3	67.3	68.7	72.3	72.4	74.0	74.7	75.0	75.9	76.2	76.2	76.6	76.8	76.9	77.0
GE 500	65.6	67.1	70.9	72.7	76.9	77.1	79.4	80.6	80.8	82.2	82.5	82.5	83.0	83.2	83.4	83.4
GE 400	67.0	68.8	73.0	75.1	79.6	79.9	82.6	84.1	84.7	86.4	86.9	86.9	87.5	87.7	88.0	88.0
GE 300	67.6	69.5	73.9	76.2	81.1	81.4	84.7	86.6	87.5	90.2	91.3	91.3	92.6	92.8	93.2	93.2
GE 200	67.7	69.6	74.1	76.4	81.5	81.9	85.6	87.7	88.7	92.1	94.1	94.2	96.6	97.3	98.1	98.3
GE 100	67.7	69.6	74.1	76.4	81.5	81.9	85.7	87.8	88.8	92.2	94.4	94.5	97.2	97.9	99.2	99.7
GE 000	67.7	69.6	74.1	76.4	81.5	81.9	85.7	87.8	88.8	92.3	94.4	94.5	97.3	98.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 6883

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	23.5	24.2	25.8	26.7	27.9	28.1	28.5	28.9	28.9	29.6	29.9	29.9	30.0	30.0	30.0	30.0
GE 20000	23.8	24.5	26.2	27.1	28.2	28.4	28.9	29.2	29.2	29.9	30.2	30.2	30.3	30.3	30.3	30.3
GE 18000	23.9	24.6	26.3	27.2	28.3	28.5	29.0	29.3	29.3	30.0	30.3	30.3	30.4	30.4	30.4	30.4
GE 16000	23.9	24.6	26.3	27.2	28.3	28.5	29.0	29.3	29.3	30.0	30.3	30.3	30.4	30.4	30.4	30.4
GE 14000	24.4	25.1	26.7	27.6	28.8	29.0	29.4	29.8	29.8	30.4	30.8	30.8	30.9	30.9	30.9	30.9
GE 12000	24.9	25.6	27.3	28.2	29.3	29.6	30.0	30.3	30.3	31.0	31.3	31.3	31.5	31.5	31.5	31.5
GE 10000	25.5	26.2	27.9	28.8	29.9	30.1	30.6	30.9	30.9	31.6	31.9	31.9	32.0	32.0	32.0	32.0
GE 9000	25.5	26.2	27.9	28.8	29.9	30.1	30.6	30.9	30.9	31.6	31.9	31.9	32.0	32.0	32.0	32.0
GE 8000	27.8	28.4	30.1	31.0	32.1	32.4	32.8	33.1	33.1	33.8	34.2	34.2	34.3	34.3	34.3	34.3
GE 7000	29.1	29.8	31.5	32.4	33.5	33.7	34.2	34.5	34.5	35.2	35.5	35.5	35.6	35.6	35.6	35.6
GE 6000	30.7	31.3	33.0	33.9	35.1	35.3	35.7	36.1	36.1	36.7	37.1	37.1	37.2	37.2	37.2	37.2
GE 5000	32.1	32.8	34.5	35.4	36.5	36.7	37.2	37.5	37.5	38.2	38.5	38.5	38.7	38.7	38.7	38.7
GE 4500	32.1	32.8	34.5	35.4	36.5	36.7	37.2	37.5	37.5	38.2	38.5	38.5	38.7	38.7	38.7	38.7
GE 4000	33.7	34.4	36.1	37.0	38.1	38.3	38.8	39.1	39.1	39.9	40.2	40.2	40.3	40.3	40.3	40.3
GE 3500	34.8	35.7	37.4	38.3	39.4	39.7	40.1	40.4	40.4	41.2	41.6	41.6	41.7	41.7	41.7	41.7
GE 3000	37.5	38.9	40.7	41.6	43.0	43.4	44.2	44.5	44.5	45.3	45.6	45.6	45.7	45.7	45.7	45.7
GE 2500	40.2	41.9	43.9	44.9	46.5	46.9	47.6	48.0	48.0	48.8	49.1	49.1	49.2	49.2	49.2	49.2
GE 2000	43.8	45.6	48.9	50.1	52.0	52.6	53.5	53.8	53.8	54.6	54.9	54.9	55.1	55.1	55.1	55.1
GE 1800	45.3	47.1	50.4	51.7	53.6	54.2	55.1	55.4	55.4	56.2	56.5	56.5	56.6	56.6	56.6	56.6
GE 1500	51.5	53.8	58.0	59.4	61.3	61.9	63.3	63.6	63.6	64.4	64.7	64.7	64.8	64.8	64.8	64.8
GE 1200	55.6	57.9	62.4	64.0	66.0	66.5	68.1	68.4	68.4	69.2	69.6	69.6	69.7	69.7	69.7	69.7
GE 1000	62.4	64.9	70.4	72.9	76.0	76.6	79.1	79.7	79.7	80.6	81.2	81.2	81.3	81.3	81.3	81.3
GE 900	62.6	65.2	70.7	73.1	76.2	76.9	79.3	79.9	80.1	81.0	81.7	81.7	81.8	81.8	81.8	81.8
GE 800	64.5	67.2	72.8	75.4	78.8	79.4	82.0	82.7	82.9	83.8	84.6	84.6	84.7	84.7	84.7	84.7
GE 700	65.4	68.3	74.0	76.6	80.6	81.2	84.4	85.2	85.4	86.3	87.4	87.4	87.5	87.5	87.5	87.5
GE 600	66.5	69.7	75.7	78.3	82.4	83.3	86.5	87.4	87.6	88.9	90.0	90.0	90.1	90.1	90.1	90.1
GE 500	68.0	71.1	77.8	80.6	84.9	85.8	90.0	91.2	91.5	93.1	94.3	94.3	94.7	94.7	94.7	94.7
GE 400	68.7	71.8	78.4	81.3	86.0	86.9	91.2	92.5	92.7	94.4	95.6	95.6	96.3	96.4	96.4	96.4
GE 300	68.8	71.9	78.7	81.6	86.4	87.3	91.7	93.0	93.5	95.2	96.5	96.5	98.2	98.4	98.5	98.5
GE 200	68.8	71.9	78.7	81.6	86.4	87.3	91.8	93.1	93.6	95.3	96.6	96.6	98.3	98.5	99.2	99.3
GE 100	69.2	72.4	79.1	82.0	86.9	87.8	92.2	93.6	94.0	95.7	97.1	97.1	98.8	99.0	99.7	100.0
GE 000	69.2	72.4	79.1	82.0	86.9	87.8	92.2	93.6	94.0	95.7	97.1	97.1	98.8	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 890

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	25.0	25.3	27.6	28.1	28.9	29.0	29.6	29.9	29.9	29.9	30.4	30.4	31.1	31.2	31.2	31.2
GE 20000	25.1	25.4	27.7	28.2	29.0	29.2	29.7	30.1	30.1	30.1	30.5	30.5	31.2	31.3	31.3	31.3
GE 18000	25.3	25.6	27.9	28.5	29.3	29.4	29.9	30.3	30.3	30.3	30.7	30.7	31.4	31.5	31.5	31.5
GE 16000	25.3	25.6	27.9	28.5	29.3	29.4	29.9	30.3	30.3	30.3	30.7	30.7	31.4	31.5	31.5	31.5
GE 14000	25.6	26.0	28.2	28.8	29.6	29.7	30.3	30.6	30.6	30.6	31.1	31.1	31.8	31.9	31.9	31.9
GE 12000	25.8	26.1	28.4	28.9	29.7	29.8	30.4	30.7	30.7	30.7	31.2	31.2	31.9	32.0	32.0	32.0
GE 10000	26.6	27.0	29.3	29.8	30.6	30.7	31.3	31.6	31.6	31.6	32.1	32.1	32.8	32.9	32.9	32.9
GE 9000	26.7	27.1	29.4	29.9	30.7	30.8	31.4	31.8	31.8	31.8	32.2	32.2	32.9	33.0	33.0	33.0
GE 8000	27.7	28.1	30.5	31.1	31.9	32.0	32.5	32.9	32.9	32.9	33.3	33.3	34.0	34.1	34.1	34.1
GE 7000	29.0	29.5	31.9	32.5	33.3	33.4	34.0	34.4	34.4	34.4	34.8	34.8	35.5	35.6	35.6	35.6
GE 6000	31.4	31.9	34.4	35.0	35.8	35.9	36.5	36.8	36.8	36.8	37.4	37.4	38.1	38.2	38.2	38.2
GE 5000	33.3	33.9	36.6	37.3	38.2	38.3	38.9	39.2	39.2	39.3	39.9	39.9	40.6	40.7	40.7	40.7
GE 4500	33.7	34.2	36.9	37.6	38.5	38.6	39.2	39.5	39.5	39.7	40.2	40.2	40.9	41.0	41.0	41.0
GE 4000	35.1	35.7	38.4	39.2	40.1	40.2	40.8	41.1	41.1	41.2	41.8	41.8	42.5	42.6	42.6	42.6
GE 3500	36.0	36.6	39.3	40.1	41.0	41.1	41.7	42.0	42.0	42.1	42.7	42.7	43.4	43.5	43.5	43.5
GE 3000	39.2	39.8	42.6	43.5	44.4	44.6	45.3	45.6	45.6	45.8	46.3	46.3	47.0	47.1	47.1	47.1
GE 2500	42.6	43.2	46.0	47.2	48.1	48.4	49.2	49.5	49.5	49.6	50.2	50.2	50.8	51.0	51.0	51.0
GE 2000	46.3	47.1	50.7	52.0	53.0	53.6	54.5	54.8	54.8	54.9	55.5	55.5	56.2	56.3	56.3	56.3
GE 1800	47.9	48.7	52.4	53.7	54.7	55.3	56.2	56.6	56.6	56.7	57.3	57.3	58.0	58.1	58.1	58.1
GE 1500	52.5	54.2	58.9	60.8	62.4	62.9	64.2	64.7	64.7	64.9	65.4	65.4	66.1	66.2	66.2	66.2
GE 1200	56.9	58.8	64.2	66.3	68.0	68.6	70.1	70.8	70.8	71.1	71.6	71.6	72.3	72.4	72.4	72.4
GE 1000	61.9	63.8	71.0	73.4	76.5	77.1	78.9	79.7	79.8	80.0	80.6	80.6	81.2	81.4	81.4	81.4
GE 900	62.1	64.2	71.3	73.9	77.2	77.7	79.5	80.3	80.6	80.8	81.4	81.4	82.0	82.1	82.1	82.1
GE 800	62.8	64.9	72.0	74.7	78.3	78.9	80.7	81.5	81.7	82.0	82.6	82.6	83.3	83.4	83.4	83.4
GE 700	64.5	66.6	73.8	76.5	80.5	81.0	83.2	84.0	84.2	84.5	85.5	85.5	86.3	86.4	86.4	86.4
GE 600	65.3	67.3	74.9	77.6	81.7	82.3	84.6	85.4	85.6	86.0	87.1	87.1	87.9	88.0	88.0	88.0
GE 500	66.6	68.8	76.7	79.8	85.2	85.8	89.0	90.1	90.3	91.1	92.4	92.5	93.7	93.8	93.8	93.8
GE 400	67.6	69.9	78.0	81.1	86.7	87.2	90.8	91.9	92.1	92.7	94.2	94.4	95.5	95.6	95.6	95.6
GE 300	67.9	70.3	78.3	81.6	87.1	87.7	91.6	92.7	92.9	93.7	95.0	95.3	97.4	98.0	98.0	98.0
GE 200	68.0	70.4	78.6	81.9	87.5	88.0	92.0	93.0	93.2	94.0	95.5	95.7	98.2	98.8	99.0	99.2
GE 100	68.0	70.4	78.8	82.0	87.8	88.4	92.3	93.3	93.6	94.4	95.9	96.2	98.6	99.2	99.5	100.0
GE 000	68.0	70.4	78.8	82.0	87.8	88.4	92.3	93.3	93.6	94.4	95.9	96.2	98.6	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 885

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	20.7	21.0	21.9	22.6	24.1	24.4	24.9	25.9	25.9	26.8	27.2	27.2	27.9	28.1	28.2	28.3
GE 20000	20.8	21.1	22.0	22.7	24.2	24.5	25.0	26.0	26.0	26.9	27.3	27.3	28.1	28.2	28.3	28.4
GE 18000	21.0	21.3	22.2	22.9	24.5	24.7	25.3	26.3	26.3	27.2	27.5	27.5	28.3	28.4	28.5	28.6
GE 16000	21.0	21.3	22.2	22.9	24.5	24.7	25.3	26.3	26.3	27.2	27.5	27.5	28.3	28.4	28.5	28.6
GE 14000	21.2	21.5	22.4	23.1	24.7	24.9	25.5	26.5	26.5	27.4	27.7	27.7	28.5	28.6	28.7	28.8
GE 12000	21.3	21.7	22.6	23.2	24.9	25.1	25.7	26.7	26.7	27.6	27.9	27.9	28.7	28.8	29.0	29.1
GE 10000	22.3	22.7	23.6	24.2	25.9	26.2	26.7	27.7	27.7	28.6	29.0	29.0	29.7	29.9	30.0	30.1
GE 9000	22.4	22.8	23.7	24.4	26.0	26.3	26.8	27.8	27.8	28.7	29.1	29.1	29.9	30.0	30.1	30.2
GE 8000	24.5	24.8	25.9	26.6	28.3	28.5	29.1	30.1	30.1	31.0	31.3	31.3	32.1	32.2	32.3	32.4
GE 7000	25.6	25.9	27.0	27.7	29.4	29.6	30.2	31.2	31.2	32.1	32.4	32.4	33.2	33.3	33.4	33.6
GE 6000	27.7	28.1	29.2	29.9	31.6	31.9	32.4	33.4	33.4	34.3	34.7	34.7	35.5	35.6	35.7	35.8
GE 5000	29.5	30.1	31.2	32.0	33.9	34.3	34.9	35.9	35.9	36.8	37.1	37.1	37.9	38.0	38.2	38.3
GE 4500	30.1	30.6	31.8	32.5	34.5	34.9	35.5	36.5	36.5	37.4	37.7	37.7	38.5	38.6	38.7	38.8
GE 4000	31.3	31.9	33.1	33.9	36.1	36.6	37.1	38.2	38.2	39.1	39.4	39.4	40.2	40.3	40.4	40.5
GE 3500	32.2	32.8	34.2	35.0	37.4	37.8	38.4	39.5	39.5	40.4	40.7	40.7	41.5	41.6	41.8	41.9
GE 3000	33.9	34.5	36.3	37.1	39.7	40.2	40.7	41.9	41.9	42.8	43.1	43.1	43.9	44.0	44.2	44.3
GE 2500	36.1	36.7	38.6	39.5	42.6	43.1	43.8	44.9	44.9	45.8	46.1	46.1	46.9	47.0	47.3	47.4
GE 2000	41.5	42.1	44.6	45.8	49.2	49.6	50.3	51.4	51.4	52.3	52.6	52.6	53.4	53.5	53.8	53.9
GE 1800	43.1	43.7	46.5	47.7	51.1	51.5	52.3	53.4	53.4	54.3	54.7	54.7	55.4	55.6	55.8	55.9
GE 1500	48.7	49.7	53.4	55.4	59.6	60.2	61.1	62.2	62.2	63.1	63.4	63.4	64.2	64.3	64.5	64.6
GE 1200	52.3	53.5	58.0	60.4	65.4	66.0	67.1	68.2	68.2	69.2	69.7	69.7	70.5	70.6	70.8	70.9
GE 1000	56.9	58.4	64.0	67.2	73.4	74.0	75.5	77.2	77.2	78.6	79.0	79.0	79.8	79.9	80.1	80.2
GE 900	57.0	58.5	64.2	67.5	73.6	74.2	75.9	77.6	77.6	78.9	79.3	79.3	80.1	80.2	80.5	80.6
GE 800	58.0	59.6	65.4	68.8	75.2	75.8	77.4	79.5	79.5	81.0	81.5	81.5	82.4	82.5	82.7	82.8
GE 700	59.0	60.6	66.9	70.5	77.2	77.9	80.0	82.4	82.4	84.0	84.6	84.6	85.6	85.7	86.0	86.1
GE 600	60.4	62.1	68.4	72.1	78.9	79.6	82.2	84.6	84.6	86.3	87.1	87.1	88.1	88.2	88.4	88.6
GE 500	61.8	64.2	70.8	74.7	81.8	82.6	85.7	88.4	88.6	90.6	92.0	92.0	93.3	93.4	93.6	93.7
GE 400	62.5	64.9	71.6	75.8	82.9	83.7	87.0	89.7	89.8	91.9	93.4	93.4	94.6	94.7	94.9	95.1
GE 300	63.0	65.3	72.2	76.4	83.8	84.6	88.3	91.0	91.1	93.5	95.4	95.4	97.3	97.5	97.9	98.0
GE 200	63.0	65.3	72.2	76.4	83.8	84.6	88.3	91.0	91.1	93.5	95.4	95.5	97.8	98.3	99.2	99.8
GE 100	63.0	65.3	72.2	76.4	83.8	84.6	88.3	91.0	91.1	93.5	95.4	95.5	97.8	98.3	99.3	100.0
GE 000	63.0	65.3	72.2	76.4	83.8	84.6	88.3	91.0	91.1	93.5	95.4	95.5	97.8	98.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 891

D - 2 - 84

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	18.4	18.4	19.4	20.4	21.9	21.9	22.5	22.8	22.8	23.9	24.2	24.3	24.7	24.9	25.0	25.0
GE 20000	19.2	19.2	20.2	21.2	22.7	22.7	23.4	23.8	23.8	24.8	25.1	25.3	25.6	25.8	25.9	25.9
GE 18000	19.2	19.2	20.3	21.4	22.8	22.8	23.5	23.9	23.9	24.9	25.3	25.4	25.7	25.9	26.1	26.1
GE 16000	19.3	19.3	20.4	21.5	23.1	23.1	23.8	24.1	24.1	25.1	25.5	25.6	25.9	26.2	26.3	26.3
GE 14000	19.5	19.5	20.7	21.7	23.4	23.4	24.1	24.5	24.5	25.5	25.8	25.9	26.3	26.5	26.6	26.6
GE 12000	20.1	20.1	21.2	22.3	24.1	24.1	24.9	25.3	25.3	26.3	26.6	26.8	27.1	27.3	27.4	27.4
GE 10000	20.8	20.9	22.0	23.2	25.0	25.0	25.8	26.2	26.2	27.3	27.7	27.8	28.1	28.4	28.5	28.5
GE 9000	20.9	21.0	22.3	23.4	25.3	25.3	26.1	26.4	26.4	27.6	27.9	28.0	28.4	28.6	28.7	28.7
GE 8000	23.7	24.0	25.4	26.5	28.5	28.5	29.3	29.6	29.6	30.9	31.2	31.3	31.7	31.9	32.0	32.0
GE 7000	25.1	25.5	26.9	28.2	30.2	30.2	31.0	31.3	31.3	32.6	33.0	33.1	33.4	33.6	33.8	33.8
GE 6000	26.9	27.2	28.9	30.4	32.5	32.5	33.3	33.6	33.6	35.0	35.4	35.5	35.8	36.1	36.2	36.2
GE 5000	29.4	29.9	31.9	33.4	36.1	36.1	37.1	37.4	37.4	38.8	39.3	39.4	39.7	40.0	40.1	40.1
GE 4500	29.6	30.1	32.1	33.6	36.3	36.3	37.3	37.7	37.7	39.0	39.5	39.6	40.0	40.2	40.3	40.3
GE 4000	30.4	30.9	33.0	34.8	37.7	37.7	38.7	39.0	39.0	40.4	40.9	41.0	41.3	41.6	41.7	41.7
GE 3500	31.5	31.9	34.0	35.8	39.2	39.2	40.2	40.5	40.5	41.9	42.4	42.5	42.8	43.1	43.2	43.2
GE 3000	33.1	33.5	35.7	37.9	41.3	41.3	42.4	42.8	42.8	44.3	44.8	44.9	45.2	45.5	45.6	45.6
GE 2500	34.4	34.9	37.3	39.5	43.2	43.2	44.7	45.1	45.1	46.7	47.2	47.3	47.6	47.9	48.0	48.0
GE 2000	37.5	38.0	40.9	43.3	47.5	47.5	49.3	49.9	49.9	51.5	52.0	52.1	52.5	52.7	52.8	52.8
GE 1800	38.6	39.0	41.9	44.4	48.7	48.7	50.4	51.1	51.1	52.7	53.2	53.3	53.6	53.8	54.0	54.0
GE 1500	43.5	44.3	48.0	50.9	55.9	55.9	57.7	58.7	58.7	60.4	60.8	61.0	61.3	61.5	61.7	61.7
GE 1200	45.9	46.7	50.5	54.3	59.9	59.9	62.6	63.9	63.9	65.8	66.2	66.4	66.7	66.9	67.0	67.0
GE 1000	51.3	52.2	57.5	62.1	70.5	70.5	74.4	76.5	76.5	79.0	79.6	79.7	80.4	80.6	80.7	80.7
GE 900	51.4	52.4	57.6	62.2	70.6	70.6	74.7	76.8	76.8	79.3	79.9	80.0	80.7	80.9	81.1	81.1
GE 800	52.8	54.0	59.7	64.5	73.0	73.2	77.7	79.9	79.9	82.5	83.1	83.2	84.0	84.3	84.4	84.4
GE 700	53.3	54.4	60.3	65.1	73.6	73.8	78.6	81.2	81.3	84.3	85.1	85.2	86.0	86.2	86.3	86.3
GE 600	54.1	55.2	61.2	66.5	75.3	75.8	80.7	83.7	83.8	87.5	88.4	88.5	89.3	89.7	89.8	89.8
GE 500	54.5	55.7	61.9	67.2	76.2	76.7	82.0	85.2	85.3	89.3	90.8	90.9	92.0	92.3	92.4	92.4
GE 400	54.9	56.0	62.2	67.7	76.8	77.3	82.7	86.2	86.3	90.7	92.3	92.4	94.0	94.4	94.5	94.5
GE 300	55.2	56.6	62.8	68.3	77.7	78.2	83.7	87.6	87.9	92.5	94.1	94.3	96.2	96.8	96.9	97.0
GE 200	55.2	56.6	62.8	68.4	77.8	78.3	83.8	87.8	88.2	93.0	94.8	94.9	97.4	98.2	99.0	99.3
GE 100	55.2	56.6	62.8	68.4	77.8	78.3	83.8	87.8	88.2	93.0	94.8	94.9	97.5	98.3	99.1	99.8
GE 000	55.2	56.6	62.8	68.4	77.8	78.3	83.8	87.8	88.2	93.0	94.8	94.9	97.5	98.3	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 871

D - 2 - 85

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	20.5	21.1	21.9	22.8	23.9	24.0	24.6	25.4	25.6	26.9	27.1	27.1	27.2	27.2	27.2	27.4
GE 20000	21.7	22.2	23.0	23.9	25.1	25.2	25.7	26.9	27.1	28.3	28.6	28.6	28.7	28.7	28.7	28.9
GE 18000	21.8	22.3	23.1	24.0	25.2	25.3	25.8	27.0	27.2	28.4	28.7	28.7	28.8	28.8	28.8	29.0
GE 16000	22.1	22.7	23.5	24.4	25.5	25.6	26.2	27.3	27.5	28.8	29.0	29.0	29.1	29.1	29.1	29.3
GE 14000	22.5	23.0	23.8	24.7	25.8	26.0	26.5	27.7	27.9	29.1	29.3	29.3	29.5	29.5	29.5	29.7
GE 12000	23.7	24.4	25.2	26.1	27.3	27.4	28.0	29.1	29.3	30.6	30.8	30.8	30.9	30.9	30.9	31.2
GE 10000	25.3	26.1	27.2	28.1	29.9	30.0	30.6	31.7	31.9	33.2	33.4	33.4	33.5	33.5	33.5	33.7
GE 9000	25.4	26.2	27.3	28.2	30.0	30.1	30.7	31.8	32.1	33.3	33.5	33.5	33.6	33.6	33.6	33.9
GE 8000	27.0	27.8	28.9	30.0	32.1	32.2	32.8	34.1	34.3	35.7	36.0	36.0	36.1	36.1	36.2	36.5
GE 7000	29.7	30.5	31.6	32.7	34.8	34.9	35.6	36.8	37.0	38.4	38.7	38.7	38.8	38.8	38.9	39.2
GE 6000	31.7	32.5	34.1	35.2	37.4	37.5	38.4	39.7	40.0	41.3	41.6	41.6	41.8	41.8	41.9	42.1
GE 5000	33.7	34.5	36.5	37.7	40.3	40.4	41.3	42.7	43.0	44.7	45.0	45.0	45.1	45.1	45.3	45.5
GE 4500	34.7	35.4	37.5	38.7	41.3	41.4	42.3	43.7	44.0	45.7	46.0	46.0	46.2	46.2	46.3	46.5
GE 4000	35.8	36.9	39.3	40.5	43.1	43.2	44.1	45.7	46.0	47.7	48.1	48.1	48.2	48.2	48.3	48.5
GE 3500	36.2	37.4	40.0	41.2	44.0	44.1	45.0	46.6	47.0	48.6	49.0	49.0	49.1	49.1	49.2	49.4
GE 3000	38.6	39.7	42.8	44.5	47.4	47.5	48.5	50.2	50.6	52.3	52.6	52.6	52.7	52.7	52.8	53.0
GE 2500	39.5	40.6	44.0	45.9	48.9	49.0	50.1	51.9	52.3	54.0	54.3	54.3	54.4	54.4	54.5	54.7
GE 2000	42.7	44.0	47.6	50.0	54.0	54.1	55.5	57.4	57.8	59.5	59.8	59.8	59.9	59.9	60.0	60.3
GE 1800	43.6	44.9	48.5	51.0	55.0	55.1	56.5	58.5	58.8	60.6	60.9	60.9	61.1	61.1	61.2	61.4
GE 1500	47.4	49.2	53.7	56.4	61.2	61.4	63.2	65.1	65.5	67.3	67.6	67.6	67.8	67.8	67.9	68.2
GE 1200	49.9	51.9	57.1	60.0	65.7	65.9	67.9	69.9	70.2	72.1	72.5	72.5	72.7	72.7	72.8	73.0
GE 1000	55.3	58.1	63.9	67.2	74.5	74.7	78.2	80.6	81.0	83.1	83.7	83.7	84.3	84.3	84.4	84.7
GE 900	55.5	58.4	64.2	67.5	74.8	75.1	78.8	81.2	81.6	83.6	84.3	84.3	84.9	84.9	85.0	85.2
GE 800	56.3	59.1	65.3	68.8	76.4	76.6	80.4	83.0	83.4	85.4	86.1	86.1	86.9	86.9	87.0	87.2
GE 700	56.9	59.7	66.0	69.6	77.3	77.5	81.5	84.2	84.9	87.5	88.4	88.4	89.3	89.3	89.4	89.6
GE 600	57.6	60.4	66.7	70.5	78.3	78.7	83.1	86.0	86.8	89.5	90.4	90.6	91.6	91.6	91.8	92.0
GE 500	58.0	60.9	67.7	71.8	79.8	80.1	84.9	88.3	89.1	92.0	93.0	93.2	94.6	94.6	94.7	94.9
GE 400	58.2	61.2	67.9	72.2	80.4	80.7	85.4	88.9	89.7	92.7	93.8	94.0	95.5	95.6	95.7	95.9
GE 300	58.2	61.2	67.9	72.5	80.8	81.2	86.3	90.0	90.7	93.9	95.0	95.3	97.0	97.4	97.7	98.0
GE 200	58.4	61.3	68.1	72.6	80.9	81.3	86.6	90.3	91.1	94.4	95.5	95.7	97.7	98.2	98.8	99.3
GE 100	58.4	61.3	68.1	72.6	80.9	81.3	86.6	90.3	91.1	94.4	95.5	95.7	97.7	98.2	98.8	99.8
GE 000	58.4	61.3	68.1	72.6	80.9	81.3	86.6	90.3	91.1	94.4	95.5	95.7	97.7	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 886

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 15 17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	22.2	22.4	23.1	23.7	24.9	24.9	25.1	25.5	25.8	27.3	27.3	27.3	27.4	27.4	27.5	27.5
GE 20000	24.5	24.7	25.5	26.0	27.3	27.3	27.5	28.2	28.5	30.1	30.1	30.1	30.2	30.2	30.3	30.3
GE 18000	24.7	25.0	25.9	26.5	27.7	27.7	27.9	28.6	29.0	30.5	30.5	30.5	30.6	30.6	30.8	30.8
GE 16000	25.0	25.4	26.3	26.8	28.1	28.1	28.3	29.0	29.3	30.9	30.9	30.9	31.0	31.0	31.1	31.1
GE 14000	25.8	26.2	27.2	27.7	29.0	29.0	29.3	30.0	30.3	31.9	31.9	31.9	32.0	32.0	32.1	32.1
GE 12000	26.0	26.4	27.4	27.9	29.2	29.2	29.5	30.2	30.5	32.1	32.1	32.1	32.2	32.2	32.3	32.3
GE 10000	27.3	27.7	28.7	29.4	30.8	30.8	31.1	31.8	32.1	33.7	33.7	33.7	33.8	33.8	33.9	33.9
GE 9000	27.7	28.3	29.3	30.0	31.3	31.3	31.6	32.3	32.7	34.2	34.2	34.2	34.3	34.3	34.5	34.5
GE 8000	30.1	30.6	31.6	32.4	34.0	34.0	34.6	35.2	35.6	37.1	37.1	37.1	37.3	37.3	37.5	37.6
GE 7000	31.8	32.4	33.4	34.2	35.8	35.8	36.4	37.0	37.5	39.1	39.1	39.1	39.2	39.2	39.4	39.5
GE 6000	33.6	34.2	35.2	36.1	37.7	37.7	38.5	39.4	39.8	41.4	41.4	41.4	41.5	41.5	41.9	42.0
GE 5000	35.6	36.3	37.5	38.7	40.4	40.4	41.2	42.1	42.6	44.2	44.2	44.2	44.3	44.3	44.7	44.8
GE 4500	36.0	36.7	37.9	39.2	41.0	41.0	41.8	42.6	43.2	44.8	44.8	44.8	44.9	44.9	45.2	45.3
GE 4000	37.8	38.5	39.7	41.0	43.0	43.1	43.9	44.8	45.3	46.9	46.9	46.9	47.0	47.0	47.4	47.5
GE 3500	38.3	38.9	40.2	41.4	43.4	43.5	44.3	45.2	45.8	47.4	47.4	47.4	47.5	47.5	47.8	47.9
GE 3000	39.8	40.6	42.2	43.4	45.8	45.9	46.8	47.7	48.3	49.8	49.9	49.9	50.1	50.1	50.4	50.5
GE 2500	40.9	41.6	43.4	44.7	47.3	47.4	48.3	49.2	49.7	51.3	51.4	51.4	51.5	51.5	51.9	52.0
GE 2000	44.7	45.5	47.4	49.0	52.0	52.1	53.0	54.2	54.8	56.3	56.5	56.5	56.6	56.6	56.9	57.0
GE 1800	45.2	46.0	48.5	50.2	53.5	53.6	54.7	55.9	56.5	58.0	58.1	58.1	58.2	58.2	58.6	58.7
GE 1500	48.9	49.8	53.3	56.0	59.8	59.9	61.8	63.5	64.3	66.0	66.1	66.3	66.4	66.4	66.8	66.9
GE 1200	51.1	52.2	56.2	59.1	63.7	63.9	66.3	68.0	69.0	70.8	70.9	71.2	71.3	71.3	71.6	71.7
GE 1000	54.9	56.7	61.2	65.0	71.2	71.4	74.3	76.2	77.6	79.9	80.1	80.4	80.7	80.7	81.0	81.1
GE 900	55.1	56.9	61.4	65.2	71.4	71.6	74.6	76.8	78.1	80.5	80.7	80.9	81.3	81.3	81.6	81.7
GE 800	56.3	58.4	63.1	66.9	73.6	74.1	77.2	79.5	80.8	83.5	83.8	84.1	84.5	84.6	85.0	85.1
GE 700	57.0	59.0	63.7	67.7	74.9	75.4	78.6	81.3	83.4	86.2	86.5	86.8	87.2	87.3	87.7	87.8
GE 600	57.9	59.9	64.9	68.9	76.3	76.9	80.2	83.3	85.4	88.3	88.8	89.0	89.6	89.8	90.1	90.2
GE 500	58.2	60.3	65.3	69.5	77.7	78.2	81.9	85.2	87.4	90.7	91.5	91.7	92.7	93.2	93.5	93.6
GE 400	58.8	60.8	66.0	70.1	78.7	79.2	83.2	86.5	88.8	92.4	93.3	93.5	94.7	95.2	95.5	95.6
GE 300	58.9	60.9	66.1	70.5	79.0	79.6	84.3	87.9	90.3	94.1	94.9	95.2	96.9	97.6	98.1	98.2
GE 200	58.9	60.9	66.1	70.5	79.0	79.6	84.4	88.1	90.6	94.4	95.3	95.5	97.5	98.5	99.1	99.3
GE 100	58.9	60.9	66.1	70.5	79.0	79.6	84.4	88.1	90.6	94.4	95.3	95.5	97.8	98.9	99.4	99.9
GE 000	58.9	60.9	66.1	70.5	79.0	79.6	84.4	88.1	90.6	94.4	95.3	95.5	97.8	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 891

D - 2 - 87

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	18.1	18.8	19.3	20.2	21.4	21.4	22.1	22.9	23.1	23.5	23.8	23.9	24.0	24.0	24.0	24.0
GE 20000	19.2	19.9	20.4	21.4	22.7	22.7	23.3	24.1	24.3	24.8	25.0	25.1	25.2	25.2	25.2	25.2
GE 18000	19.6	20.3	20.9	21.9	23.1	23.1	23.8	24.6	24.8	25.2	25.4	25.6	25.7	25.7	25.7	25.7
GE 16000	20.1	20.8	21.3	22.3	23.5	23.5	24.2	25.0	25.2	25.7	25.9	26.0	26.1	26.1	26.1	26.1
GE 14000	20.5	21.2	21.8	22.8	24.0	24.0	24.7	25.4	25.7	26.1	26.3	26.5	26.6	26.6	26.6	26.6
GE 12000	20.6	21.3	21.9	22.9	24.1	24.1	24.8	25.6	25.8	26.2	26.5	26.6	26.7	26.7	26.7	26.7
GE 10000	21.4	22.1	22.7	23.7	25.0	25.0	25.7	26.5	26.7	27.1	27.3	27.5	27.6	27.6	27.6	27.6
GE 9000	22.1	22.8	23.3	24.3	25.7	25.7	26.3	27.1	27.3	27.8	28.0	28.1	28.2	28.2	28.2	28.2
GE 8000	23.8	24.4	25.1	26.2	27.8	27.8	28.6	29.4	29.6	30.0	30.2	30.4	30.5	30.5	30.5	30.5
GE 7000	25.7	26.3	27.1	28.2	29.9	29.9	30.7	31.5	31.7	32.1	32.4	32.5	32.7	32.7	32.7	32.7
GE 6000	28.6	29.4	30.4	31.6	33.3	33.3	34.0	34.8	35.0	35.5	35.7	35.8	36.0	36.0	36.2	36.2
GE 5000	31.1	32.4	33.5	34.7	36.4	36.4	37.3	38.1	38.3	38.7	39.0	39.1	39.3	39.3	39.4	39.4
GE 4500	31.7	33.0	34.2	35.4	37.1	37.1	37.9	38.7	39.0	39.4	39.6	39.7	40.0	40.0	40.1	40.1
GE 4000	33.0	34.5	35.6	36.8	38.7	38.7	39.8	40.6	40.8	41.3	41.5	41.6	41.9	41.9	42.1	42.1
GE 3500	34.0	35.5	36.7	37.9	39.8	39.8	41.0	41.7	42.0	42.4	42.6	42.7	43.0	43.0	43.2	43.2
GE 3000	36.5	37.9	39.2	40.5	42.5	42.5	43.9	44.8	45.0	45.4	45.6	45.8	46.4	46.4	46.7	46.7
GE 2500	38.2	39.7	41.0	42.3	44.3	44.3	45.6	46.5	46.8	47.2	47.4	47.5	48.2	48.2	48.4	48.4
GE 2000	41.6	43.3	45.5	47.2	49.6	49.6	50.9	51.8	52.0	52.5	52.7	52.8	53.5	53.5	53.7	53.7
GE 1800	43.3	45.1	47.3	49.0	51.6	51.6	52.9	53.8	54.0	54.5	54.7	54.8	55.5	55.5	55.7	55.7
GE 1500	47.9	50.2	52.8	54.9	58.5	58.5	60.4	61.6	61.9	62.6	62.8	62.9	63.6	63.6	63.8	63.8
GE 1200	51.9	54.8	58.3	60.7	64.8	65.0	67.2	68.6	69.3	70.0	70.2	70.3	71.0	71.0	71.2	71.2
GE 1000	56.3	59.6	63.6	66.5	72.0	72.1	74.7	76.7	77.6	78.5	78.8	78.9	79.7	79.7	79.9	79.9
GE 900	56.5	59.8	63.8	66.9	72.3	72.4	75.1	77.9	78.8	79.8	80.1	80.2	81.0	81.0	81.3	81.3
GE 800	58.1	61.5	65.7	69.0	74.6	74.7	77.6	81.0	82.1	83.1	83.5	83.6	84.4	84.4	84.6	84.6
GE 700	59.0	62.5	66.9	70.1	76.2	76.6	79.9	83.6	84.9	86.0	86.5	86.6	87.5	87.5	87.7	87.7
GE 600	61.0	64.5	68.9	72.2	78.5	78.8	82.3	86.4	87.9	89.3	89.7	89.8	90.7	90.7	91.0	91.0
GE 500	62.2	65.6	70.3	73.8	80.1	80.5	84.4	89.2	90.8	92.6	93.5	93.6	94.6	94.6	94.9	94.9
GE 400	62.5	66.0	70.8	74.2	80.6	80.9	85.2	90.1	91.7	93.8	94.8	94.9	96.2	96.3	96.5	96.5
GE 300	62.6	66.1	71.0	74.4	80.8	81.3	85.9	91.0	92.9	95.2	96.3	96.4	98.1	98.4	98.8	98.8
GE 200	62.6	66.1	71.0	74.4	80.9	81.4	86.2	91.2	93.1	95.4	96.7	96.8	98.7	99.3	99.8	99.8
GE 100	62.6	66.1	71.0	74.4	80.9	81.4	86.2	91.2	93.1	95.5	96.8	96.9	98.8	99.4	99.9	100.0
GE 000	62.6	66.1	71.0	74.4	80.9	81.4	86.2	91.2	93.1	95.5	96.8	96.9	98.8	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 896

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	22.9	23.4	24.5	25.2	26.2	26.2	27.0	27.3	27.6	28.1	28.5	28.5	29.0	29.0	29.0	29.0
GE 20000	23.5	23.9	25.1	25.7	26.8	26.8	27.6	27.9	28.1	28.7	29.0	29.0	29.6	29.6	29.6	29.6
GE 18000	23.5	24.0	25.2	25.9	27.0	27.0	27.9	28.2	28.5	29.0	29.4	29.4	29.9	29.9	29.9	29.9
GE 16000	23.6	24.1	25.3	26.0	27.1	27.1	28.0	28.3	28.6	29.1	29.5	29.5	30.0	30.0	30.0	30.0
GE 14000	24.1	24.7	25.9	26.5	27.7	27.7	28.6	28.9	29.1	29.7	30.0	30.0	30.6	30.6	30.6	30.6
GE 12000	24.4	24.9	26.1	26.8	28.0	28.0	29.0	29.4	29.6	30.2	30.5	30.5	31.1	31.1	31.1	31.1
GE 10000	24.9	25.5	26.6	27.3	28.6	28.6	29.6	29.9	30.2	30.7	31.1	31.1	31.6	31.6	31.6	31.6
GE 9000	25.2	25.7	26.9	27.6	28.8	28.8	29.8	30.2	30.4	31.0	31.3	31.3	31.9	31.9	31.9	31.9
GE 8000	27.0	27.6	28.7	29.4	30.6	30.6	31.6	32.0	32.2	32.8	33.1	33.1	33.7	33.7	33.7	33.7
GE 7000	28.7	29.3	30.4	31.1	32.3	32.3	33.3	33.7	33.9	34.5	34.8	34.8	35.4	35.4	35.4	35.4
GE 6000	31.1	31.6	32.8	33.4	34.7	34.7	35.7	36.1	36.3	36.8	37.2	37.2	37.8	37.8	37.8	37.8
GE 5000	32.7	33.2	34.5	35.1	36.4	36.4	37.4	37.8	38.0	38.5	38.9	38.9	39.5	39.5	39.5	39.5
GE 4500	33.1	33.7	34.9	35.6	36.8	36.8	37.9	38.2	38.4	39.0	39.3	39.3	39.9	39.9	39.9	39.9
GE 4000	33.9	34.5	35.8	36.5	37.9	37.9	38.9	39.2	39.5	40.0	40.4	40.4	40.9	40.9	40.9	40.9
GE 3500	34.8	35.4	36.7	37.4	38.8	38.8	39.8	40.1	40.4	40.9	41.3	41.3	41.8	41.8	41.8	41.8
GE 3000	39.1	40.1	41.8	42.6	44.4	44.4	45.8	46.1	46.4	46.9	47.3	47.3	48.0	48.0	48.0	48.0
GE 2500	40.8	42.1	44.2	45.0	47.1	47.1	48.5	48.9	49.1	49.7	50.0	50.0	50.7	50.7	50.7	50.7
GE 2000	43.4	44.9	47.7	48.8	51.6	51.6	53.4	53.7	54.0	54.5	54.9	54.9	55.6	55.6	55.6	55.6
GE 1800	44.8	46.4	49.2	50.2	53.1	53.1	54.9	55.2	55.4	56.0	56.3	56.3	57.0	57.0	57.0	57.0
GE 1500	49.2	51.0	54.2	55.6	59.0	59.0	60.9	61.5	61.7	62.6	62.9	62.9	63.6	63.6	63.6	63.6
GE 1200	53.9	56.2	60.0	61.6	65.2	65.2	67.3	67.9	68.1	69.2	69.5	69.5	70.2	70.2	70.2	70.2
GE 1000	61.1	64.1	68.3	70.0	74.9	75.1	78.3	79.1	79.4	80.6	81.0	81.0	82.0	82.0	82.0	82.0
GE 900	61.7	64.6	68.8	70.5	75.5	75.6	78.9	80.2	80.7	82.0	82.3	82.3	83.3	83.3	83.3	83.3
GE 800	63.2	66.1	70.3	72.0	77.0	77.1	81.2	83.0	83.6	84.8	85.1	85.1	86.2	86.2	86.2	86.2
GE 700	63.4	66.3	70.5	72.6	78.1	78.2	82.8	84.9	85.5	86.7	87.1	87.1	88.1	88.1	88.1	88.1
GE 600	64.9	67.9	72.4	74.5	80.0	80.2	85.0	87.2	87.9	89.5	89.8	89.8	90.8	90.8	90.8	90.8
GE 500	65.9	69.4	74.4	77.1	83.0	83.1	88.7	90.9	91.7	93.5	94.2	94.2	95.4	95.4	95.4	95.4
GE 400	65.9	69.5	74.8	77.6	83.9	84.0	89.7	92.1	93.0	94.8	95.5	95.5	96.8	97.1	97.1	97.1
GE 300	65.9	69.6	74.9	77.8	84.5	84.6	90.2	92.6	93.7	95.8	96.5	96.5	98.3	98.8	98.8	98.8
GE 200	66.0	69.7	75.1	77.9	84.6	84.7	90.4	92.7	93.8	95.9	96.6	96.6	98.6	99.1	99.2	99.2
GE 100	66.0	69.7	75.1	77.9	84.6	84.7	90.4	92.7	93.8	96.0	96.7	96.7	98.9	99.3	99.4	99.7
GE 000	66.0	69.7	75.1	77.9	84.6	84.7	90.4	92.7	93.8	96.0	96.7	96.7	98.9	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 882

D - 2 - 89

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	21.4	21.8	22.9	23.7	24.9	25.0	25.5	26.1	26.2	27.0	27.3	27.3	27.7	27.7	27.8	27.8
GE 20000	22.2	22.6	23.8	24.5	25.7	25.8	26.4	27.0	27.1	27.9	28.2	28.3	28.6	28.7	28.7	28.8
GE 18000	22.4	22.8	24.0	24.8	26.0	26.1	26.6	27.3	27.4	28.2	28.5	28.5	28.9	28.9	29.0	29.0
GE 16000	22.5	23.0	24.2	24.9	26.2	26.3	26.8	27.5	27.6	28.4	28.7	28.7	29.0	29.1	29.1	29.2
GE 14000	23.0	23.4	24.6	25.4	26.6	26.7	27.3	27.9	28.0	28.8	29.1	29.2	29.5	29.6	29.6	29.7
GE 12000	23.4	23.8	25.0	25.8	27.1	27.2	27.8	28.4	28.5	29.3	29.6	29.7	30.0	30.1	30.1	30.1
GE 10000	24.3	24.8	26.0	26.8	28.2	28.3	28.9	29.5	29.7	30.5	30.8	30.8	31.1	31.2	31.2	31.3
GE 9000	24.5	25.0	26.3	27.1	28.5	28.6	29.2	29.8	29.9	30.7	31.0	31.0	31.4	31.5	31.5	31.5
GE 8000	26.4	27.0	28.3	29.2	30.7	30.7	31.4	32.1	32.2	33.0	33.3	33.3	33.7	33.8	33.8	33.9
GE 7000	28.1	28.7	30.0	30.9	32.4	32.5	33.2	33.8	33.9	34.8	35.1	35.1	35.5	35.5	35.6	35.7
GE 6000	30.2	30.8	32.2	33.2	34.8	34.8	35.6	36.3	36.4	37.3	37.6	37.6	38.0	38.0	38.1	38.2
GE 5000	32.2	32.9	34.5	35.5	37.3	37.4	38.2	38.8	39.0	39.9	40.2	40.3	40.6	40.7	40.8	40.8
GE 4500	32.6	33.3	35.0	36.0	37.7	37.9	38.6	39.3	39.5	40.4	40.7	40.8	41.1	41.2	41.3	41.3
GE 4000	33.9	34.7	36.4	37.5	39.3	39.5	40.3	41.0	41.1	42.1	42.4	42.4	42.8	42.9	43.0	43.0
GE 3500	34.7	35.5	37.3	38.4	40.4	40.5	41.3	42.0	42.2	43.1	43.5	43.5	43.9	43.9	44.0	44.1
GE 3000	37.2	38.1	40.2	41.4	43.6	43.7	44.7	45.5	45.6	46.6	46.9	46.9	47.4	47.4	47.6	47.6
GE 2500	39.1	40.1	42.3	43.6	46.0	46.2	47.2	48.0	48.2	49.1	49.5	49.5	49.9	50.0	50.1	50.2
GE 2000	42.7	43.8	46.7	48.3	51.1	51.3	52.5	53.4	53.6	54.5	54.9	54.9	55.3	55.4	55.5	55.6
GE 1800	44.0	45.1	48.1	49.7	52.7	52.9	54.1	55.0	55.2	56.1	56.5	56.5	56.9	57.0	57.1	57.2
GE 1500	48.8	50.3	54.0	56.2	59.7	60.0	61.6	62.6	62.8	63.9	64.2	64.3	64.7	64.8	64.9	65.0
GE 1200	52.2	54.0	58.3	60.8	64.9	65.1	67.1	68.2	68.5	69.7	70.0	70.1	70.5	70.6	70.7	70.8
GE 1000	57.5	59.7	65.0	68.0	73.6	73.9	76.7	78.2	78.6	80.0	80.5	80.6	81.2	81.2	81.4	81.4
GE 900	57.8	60.0	65.3	68.4	74.0	74.3	77.1	78.8	79.3	80.7	81.2	81.3	81.9	82.0	82.1	82.1
GE 800	59.0	61.4	66.8	70.0	75.9	76.2	79.3	81.2	81.7	83.3	83.8	83.9	84.5	84.6	84.7	84.8
GE 700	59.8	62.2	67.8	71.1	77.3	77.7	81.1	83.3	84.0	85.7	86.4	86.4	87.2	87.3	87.4	87.5
GE 600	61.0	63.4	69.1	72.6	78.9	79.4	83.1	85.5	86.2	88.2	88.9	89.0	89.8	89.9	90.0	90.1
GE 500	61.9	64.5	70.6	74.3	81.1	81.6	85.8	88.6	89.3	91.6	92.7	92.8	93.9	94.0	94.1	94.2
GE 400	62.4	65.0	71.2	75.0	82.0	82.5	86.9	89.7	90.5	92.9	94.1	94.2	95.5	95.7	95.8	95.8
GE 300	62.6	65.3	71.5	75.4	82.5	83.1	87.8	90.7	91.6	94.2	95.5	95.6	97.4	97.9	98.1	98.2
GE 200	62.6	65.3	71.6	75.5	82.6	83.2	87.9	90.9	91.8	94.5	95.8	95.9	98.0	98.6	99.2	99.4
GE 100	62.7	65.4	71.6	75.5	82.7	83.2	88.0	91.0	91.9	94.6	95.9	96.1	98.2	98.8	99.4	99.9
GE 000	62.7	65.4	71.6	75.5	82.7	83.2	88.0	91.0	91.9	94.6	95.9	96.1	98.2	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7092

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															CL U
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	
NO CEIL	47.7	49.7	51.4	51.9	53.5	53.5	55.3	56.2	56.8	57.6	59.1	59.1	60.1	60.6	60.6	60.6
GE 20000	48.3	50.3	51.9	52.5	54.1	54.1	55.8	56.8	57.4	58.2	59.7	59.7	60.7	61.2	61.2	61.2
GE 18000	48.6	50.6	52.3	52.9	54.4	54.4	56.2	57.1	57.7	58.6	60.1	60.1	61.0	61.5	61.5	61.5
GE 16000	48.6	50.6	52.3	52.9	54.4	54.4	56.2	57.1	57.7	58.6	60.1	60.1	61.0	61.5	61.5	61.5
GE 14000	48.6	50.6	52.3	52.9	54.4	54.4	56.2	57.1	57.7	58.6	60.1	60.1	61.0	61.5	61.5	61.5
GE 12000	48.9	50.9	52.5	53.1	54.7	54.7	56.4	57.4	58.0	58.8	60.3	60.3	61.3	61.7	61.7	61.7
GE 10000	50.9	52.9	54.7	55.3	56.8	56.8	58.6	59.5	60.1	60.9	62.5	62.5	63.4	63.9	63.9	63.9
GE 9000	51.1	53.1	55.0	55.6	57.1	57.1	58.9	59.9	60.4	61.3	62.8	62.8	63.8	64.2	64.2	64.2
GE 8000	51.8	53.8	55.7	56.3	57.9	57.9	59.6	60.6	61.2	62.0	63.5	63.5	64.5	64.9	64.9	64.9
GE 7000	52.3	54.3	56.2	56.9	58.4	58.4	60.2	61.2	62.0	62.8	64.3	64.3	65.3	65.8	65.8	65.8
GE 6000	52.7	54.7	56.7	57.4	59.0	59.0	60.8	61.7	62.6	63.4	64.9	64.9	65.9	66.4	66.4	66.4
GE 5000	53.6	55.8	58.0	58.8	60.6	60.6	62.3	63.3	64.1	64.9	66.5	66.5	67.4	67.9	67.9	67.9
GE 4500	53.6	55.8	58.0	58.8	60.6	60.6	62.3	63.3	64.1	64.9	66.5	66.5	67.4	67.9	67.9	67.9
GE 4000	54.0	56.4	58.7	59.5	61.4	61.4	63.4	64.3	65.2	66.0	67.5	67.5	68.5	68.9	68.9	68.9
GE 3500	54.1	56.6	58.8	59.6	61.5	61.5	63.5	64.5	65.3	66.1	67.7	67.7	68.9	69.4	69.4	69.4
GE 3000	56.3	58.8	61.2	62.2	64.1	64.1	66.1	67.1	67.9	68.7	70.2	70.2	71.5	72.0	72.0	72.0
GE 2500	57.5	60.0	62.3	63.8	65.6	65.6	67.7	68.6	69.4	70.2	71.8	71.8	73.1	73.6	73.6	73.6
GE 2000	59.9	62.3	64.9	66.5	68.5	68.5	70.8	71.8	72.6	73.4	75.1	75.1	77.0	77.4	77.4	77.4
GE 1800	60.1	62.6	65.3	66.8	68.8	68.8	71.2	72.1	73.0	73.9	75.6	75.6	77.4	77.9	77.9	77.9
GE 1500	62.1	64.8	68.1	69.8	72.3	72.4	74.9	75.8	76.6	78.4	80.2	80.2	82.1	82.8	82.8	82.8
GE 1200	64.2	67.2	70.6	72.5	75.0	75.1	77.6	78.6	79.5	81.2	83.2	83.2	85.2	86.0	86.0	86.1
GE 1000	66.8	69.9	73.4	75.4	77.9	78.0	81.0	82.2	83.0	84.8	87.2	87.2	89.6	90.8	90.8	90.9
GE 900	66.8	69.9	73.4	75.4	77.9	78.0	81.0	82.2	83.0	84.8	87.2	87.2	89.6	90.8	90.8	90.9
GE 800	67.2	70.2	74.0	76.0	78.5	78.6	81.7	82.9	83.7	85.7	88.4	88.4	90.9	92.4	92.9	93.0
GE 700	67.8	70.8	74.7	76.7	79.2	79.3	82.4	83.6	84.4	86.4	89.1	89.1	91.7	93.3	93.7	93.9
GE 600	68.1	71.3	75.8	77.8	80.4	80.5	83.8	85.0	85.8	87.8	90.7	90.7	93.3	95.0	95.5	95.6
GE 500	68.6	71.8	76.3	78.3	81.1	81.2	84.7	85.8	86.7	88.7	91.6	91.7	94.6	96.5	96.9	97.0
GE 400	68.9	72.1	76.6	78.6	81.5	81.6	85.0	86.2	87.0	89.0	92.0	92.1	94.9	96.8	97.4	97.8
GE 300	68.9	72.3	77.1	79.2	82.2	82.3	85.7	86.9	87.8	89.8	92.9	93.0	95.9	98.0	98.6	98.9
GE 200	68.9	72.3	77.1	79.2	82.2	82.3	85.8	87.0	88.0	90.0	93.0	93.2	96.0	98.3	98.9	99.5
GE 100	68.9	72.3	77.1	79.2	82.2	82.3	85.8	87.0	88.0	90.0	93.0	93.2	96.0	98.3	99.1	99.6
GE 000	68.9	72.3	77.1	79.2	82.2	82.3	85.8	87.0	88.0	90.0	93.0	93.2	96.0	98.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 847

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.2	47.0	48.5	49.6	52.2	52.8	55.2	56.3	56.4	57.1	58.4	58.4	59.6	59.9	59.9	59.9
GE 20000	45.2	47.0	48.5	49.6	52.2	52.8	55.2	56.3	56.4	57.3	58.6	58.6	59.8	60.2	60.2	60.2
GE 18000	45.5	47.4	48.8	50.0	52.6	53.2	55.6	56.6	56.7	57.7	59.0	59.0	60.2	60.5	60.5	60.5
GE 16000	45.5	47.5	48.9	50.1	52.7	53.3	55.8	56.9	57.0	57.9	59.3	59.3	60.5	60.9	60.9	60.9
GE 14000	45.5	47.5	48.9	50.2	52.8	53.4	55.9	57.0	57.1	58.0	59.5	59.5	60.6	61.0	61.0	61.0
GE 12000	45.9	47.9	49.4	50.7	53.3	53.9	56.4	57.6	57.7	58.6	60.0	60.0	61.2	61.6	61.6	61.6
GE 10000	46.9	48.9	50.5	51.8	54.4	55.0	57.6	59.0	59.1	60.0	61.5	61.5	62.6	63.0	63.0	63.0
GE 9000	47.3	49.3	50.8	52.1	54.7	55.3	57.9	59.3	59.5	60.4	61.8	61.8	63.0	63.4	63.4	63.4
GE 8000	48.6	50.6	52.2	53.5	56.1	56.7	59.7	61.1	61.2	62.3	63.7	63.7	64.9	65.2	65.2	65.2
GE 7000	49.2	51.2	53.0	54.3	57.0	57.6	60.5	61.9	62.1	63.1	64.5	64.5	65.7	66.1	66.1	66.1
GE 6000	49.5	51.5	53.3	54.6	57.4	58.0	61.0	62.4	62.5	63.6	65.0	65.0	66.2	66.5	66.5	66.5
GE 5000	50.6	52.7	54.6	55.9	58.9	59.5	62.4	63.8	63.9	65.0	66.4	66.4	67.6	68.0	68.0	68.0
GE 4500	50.7	52.8	54.7	56.0	59.0	59.6	62.5	63.9	64.1	65.1	66.5	66.5	67.7	68.1	68.1	68.1
GE 4000	50.8	53.0	54.8	56.1	59.1	59.7	62.6	64.1	64.2	65.2	66.7	66.7	67.8	68.2	68.2	68.2
GE 3500	50.8	53.0	54.8	56.1	59.1	59.7	62.6	64.1	64.2	65.2	66.7	66.7	68.2	68.6	68.6	68.6
GE 3000	52.0	54.1	56.1	57.4	60.4	61.0	63.9	65.4	65.5	66.5	68.0	68.0	69.5	69.9	69.9	69.9
GE 2500	54.5	56.7	59.0	60.4	63.4	63.9	66.9	68.3	68.4	69.5	70.9	70.9	72.5	72.8	72.8	72.8
GE 2000	56.7	59.0	61.6	63.6	66.9	67.5	70.6	72.0	72.1	73.2	74.7	74.7	76.6	77.0	77.0	77.0
GE 1800	57.1	59.3	61.9	63.9	67.3	67.8	70.9	72.3	72.5	73.5	75.1	75.1	77.0	77.3	77.3	77.3
GE 1500	60.3	62.6	65.6	68.0	71.9	72.5	76.0	77.4	77.7	79.1	80.6	80.6	82.5	82.9	82.9	82.9
GE 1200	63.2	65.6	68.9	71.3	75.3	75.9	79.7	81.1	81.3	82.7	84.3	84.3	86.2	86.5	86.5	86.5
GE 1000	64.7	67.4	70.9	73.5	77.7	78.3	82.0	83.7	83.9	85.9	87.6	87.6	89.6	90.7	90.7	90.7
GE 900	64.7	67.4	71.0	73.6	77.8	78.4	82.2	83.8	84.0	86.1	87.7	87.7	90.0	91.0	91.0	91.0
GE 800	65.0	67.7	71.7	74.6	79.0	79.6	83.3	85.2	85.5	87.5	89.2	89.2	91.7	93.1	93.3	93.3
GE 700	65.6	68.6	72.8	75.7	80.0	80.6	84.4	86.3	86.5	88.5	90.3	90.3	92.8	94.2	94.3	94.3
GE 600	67.0	70.1	74.3	77.2	81.7	82.3	86.1	88.1	88.3	90.3	92.1	92.1	94.6	96.3	96.5	96.5
GE 500	67.4	70.4	75.1	78.0	82.6	83.2	87.0	89.0	89.2	91.4	93.1	93.1	95.9	97.6	97.9	97.9
GE 400	67.5	70.6	75.2	78.1	82.7	83.3	87.1	89.1	89.4	91.5	93.3	93.3	96.0	97.8	98.0	98.0
GE 300	67.7	70.8	75.5	78.5	83.3	83.9	87.8	90.0	90.2	92.3	94.1	94.1	96.8	98.8	99.1	99.1
GE 200	67.7	70.8	75.5	78.5	83.5	84.0	87.9	90.1	90.3	92.6	94.3	94.3	97.0	99.1	99.3	99.4
GE 100	67.7	70.8	75.5	78.5	83.5	84.0	87.9	90.1	90.3	92.6	94.3	94.3	97.0	99.1	99.6	99.9
GE 000	67.7	70.8	75.5	78.5	83.5	84.0	87.9	90.1	90.3	92.6	94.3	94.3	97.2	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.3	45.0	47.0	48.8	50.6	50.6	52.3	54.7	55.8	57.0	57.8	58.1	59.0	59.0	59.0	59.0
GE 20000	44.3	45.0	47.2	48.9	50.7	50.7	52.4	54.9	55.9	57.1	58.3	58.5	59.5	59.5	59.5	59.5
GE 18000	44.4	45.1	47.3	49.1	50.8	50.8	52.5	55.0	56.0	57.2	58.4	58.6	59.6	59.6	59.6	59.6
GE 16000	44.4	45.1	47.3	49.1	50.8	50.8	52.5	55.0	56.0	57.2	58.4	58.6	59.6	59.6	59.6	59.6
GE 14000	44.4	45.1	47.4	49.2	50.9	50.9	52.6	55.1	56.2	57.3	58.5	58.8	59.7	59.7	59.7	59.7
GE 12000	45.3	46.0	48.2	50.0	51.8	51.8	53.4	55.9	57.0	58.2	59.4	59.6	60.5	60.5	60.5	60.5
GE 10000	46.8	47.5	49.8	51.5	53.3	53.3	55.0	57.5	58.5	59.7	60.9	61.1	62.1	62.1	62.1	62.1
GE 9000	47.2	47.9	50.2	52.0	53.8	53.8	55.5	57.9	59.0	60.2	61.4	61.6	62.6	62.6	62.6	62.6
GE 8000	48.1	48.8	51.2	53.0	55.0	55.0	56.6	59.1	60.2	61.4	62.6	62.8	63.7	63.7	63.7	63.7
GE 7000	48.3	49.1	51.4	53.2	55.2	55.2	56.9	59.4	60.4	61.6	62.8	63.0	64.0	64.0	64.0	64.0
GE 6000	49.3	50.0	52.4	54.3	56.3	56.3	57.9	60.4	61.5	62.8	64.0	64.2	65.2	65.2	65.2	65.2
GE 5000	50.5	51.2	53.6	55.5	57.5	57.5	59.1	61.6	62.7	64.0	65.2	65.4	66.4	66.4	66.4	66.4
GE 4500	50.6	51.4	53.8	55.7	57.7	57.7	59.4	61.8	62.9	64.2	65.4	65.6	66.6	66.6	66.6	66.6
GE 4000	51.7	52.5	55.2	57.1	59.1	59.1	60.8	63.4	64.5	65.8	66.9	67.2	68.1	68.1	68.1	68.1
GE 3500	52.0	53.0	55.7	57.6	59.6	59.6	61.3	63.9	64.9	66.4	67.5	67.8	69.1	69.1	69.1	69.1
GE 3000	53.7	54.6	57.3	59.2	61.3	61.3	62.9	65.5	66.6	68.0	69.2	69.4	70.7	70.7	70.7	70.7
GE 2500	55.9	57.1	60.0	62.2	64.5	64.5	66.1	69.0	70.0	71.4	72.6	72.9	74.2	74.2	74.2	74.2
GE 2000	57.1	58.4	61.7	64.3	66.9	66.9	68.7	71.6	72.6	74.1	75.4	75.6	76.9	76.9	76.9	76.9
GE 1800	57.6	59.0	62.3	64.9	67.7	67.7	69.4	72.3	73.3	74.8	76.1	76.3	77.6	77.6	77.6	77.6
GE 1500	60.7	62.6	66.1	69.0	72.4	72.4	74.5	77.5	78.6	80.0	81.3	81.5	83.1	83.1	83.1	83.1
GE 1200	62.4	64.5	68.2	71.2	74.6	74.6	77.4	80.6	81.6	83.3	84.7	85.0	86.5	86.5	86.5	86.5
GE 1000	64.1	66.1	70.0	73.0	76.9	77.0	80.3	83.9	85.0	86.8	88.5	88.7	90.3	90.6	90.6	90.6
GE 900	64.2	66.2	70.1	73.1	77.0	77.1	80.5	84.0	85.1	87.0	88.6	88.9	90.4	90.8	90.8	90.8
GE 800	64.3	66.6	70.6	73.7	77.6	77.7	81.0	85.3	86.4	88.3	89.9	90.2	91.8	92.5	92.5	92.5
GE 700	64.9	67.3	71.6	74.8	78.8	78.9	82.2	86.5	87.6	89.5	91.1	91.4	93.0	93.7	93.7	93.7
GE 600	66.4	68.7	73.2	76.4	80.7	80.8	84.1	88.4	89.6	91.5	93.1	93.4	95.0	95.7	95.7	95.7
GE 500	66.6	69.0	73.5	76.7	81.2	81.3	84.7	89.0	90.2	92.1	93.7	94.0	95.9	97.0	97.3	97.3
GE 400	66.6	69.0	73.6	76.8	81.3	81.4	85.0	89.2	90.4	92.3	94.0	94.2	96.4	97.6	97.9	97.9
GE 300	66.6	69.0	73.9	77.1	81.6	81.8	85.4	89.7	90.9	93.0	94.7	94.9	97.2	98.5	98.8	98.8
GE 200	66.6	69.0	73.9	77.1	81.6	81.8	85.4	89.7	90.9	93.0	94.7	94.9	97.3	99.1	99.5	99.5
GE 100	66.6	69.0	73.9	77.1	81.6	81.8	85.4	89.7	90.9	93.0	94.7	94.9	97.3	99.1	99.8	100.0
GE 000	66.6	69.0	73.9	77.1	81.6	81.8	85.4	89.7	90.9	93.0	94.7	94.9	97.3	99.1	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 844

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.7	40.7	41.6	43.1	46.3	46.3	48.4	50.1	50.6	51.9	53.5	53.6	55.0	55.5	55.6	55.6
GE 20000	40.2	41.1	42.1	43.6	46.8	46.8	48.9	50.6	51.2	52.5	54.0	54.2	55.6	56.0	56.2	56.2
GE 18000	40.3	41.3	42.2	43.7	47.0	47.0	49.1	50.9	51.5	52.8	54.3	54.4	55.8	56.3	56.4	56.4
GE 16000	40.6	41.5	42.4	44.0	47.2	47.2	49.4	51.1	51.7	53.0	54.5	54.6	56.0	56.5	56.6	56.6
GE 14000	40.7	41.6	42.6	44.1	47.4	47.4	49.5	51.2	51.8	53.1	54.6	54.7	56.2	56.6	56.7	56.7
GE 12000	40.9	41.9	42.9	44.4	47.7	47.7	49.9	51.7	52.3	53.7	55.2	55.3	56.9	57.3	57.4	57.4
GE 10000	42.6	43.5	44.5	46.1	49.4	49.5	51.7	53.6	54.2	55.6	57.3	57.4	59.0	59.4	59.6	59.6
GE 9000	42.8	43.7	44.9	46.4	49.8	49.9	52.2	54.0	54.6	56.0	57.8	57.9	59.4	59.9	60.0	60.0
GE 8000	43.6	44.8	46.1	47.6	51.0	51.1	53.5	55.5	56.0	57.4	59.2	59.3	60.8	61.3	61.4	61.4
GE 7000	43.7	45.0	46.3	47.8	51.3	51.5	53.8	55.9	56.5	58.0	59.8	59.9	61.4	61.9	62.0	62.0
GE 6000	44.4	45.7	47.0	48.5	52.1	52.2	54.5	56.7	57.3	58.9	60.6	60.7	62.3	62.7	63.0	63.0
GE 5000	45.4	46.7	47.9	49.5	53.0	53.1	55.5	57.7	58.3	59.8	61.5	61.7	63.2	63.7	63.9	63.9
GE 4500	46.0	47.2	48.5	50.1	53.9	54.0	56.4	58.6	59.2	60.7	62.5	62.6	64.1	64.6	64.8	64.8
GE 4000	47.8	49.2	50.6	52.2	56.0	56.2	58.5	60.7	61.3	62.8	64.7	64.8	66.4	66.8	67.1	67.1
GE 3500	48.2	49.6	51.0	52.5	56.6	56.7	59.1	61.4	62.0	63.5	65.4	65.5	67.1	67.5	67.8	67.8
GE 3000	49.0	50.4	51.9	53.5	57.6	57.7	60.0	62.4	63.0	64.5	66.4	66.5	68.0	68.5	68.7	68.7
GE 2500	50.9	52.4	54.0	56.0	60.1	60.3	62.6	64.9	65.5	67.1	68.9	69.1	70.6	71.0	71.3	71.3
GE 2000	52.5	54.2	56.4	58.4	62.5	62.6	65.5	67.9	68.5	70.0	72.0	72.1	73.7	74.2	74.4	74.4
GE 1800	52.5	54.2	56.4	58.4	62.6	62.7	65.7	68.0	68.6	70.1	72.1	72.2	73.9	74.3	74.6	74.6
GE 1500	54.5	56.4	59.2	61.3	65.7	65.8	68.8	71.4	72.0	73.5	75.5	75.6	77.8	78.4	78.7	78.7
GE 1200	57.4	59.4	63.1	66.1	71.0	71.3	74.7	77.6	78.3	80.3	82.3	82.4	85.0	85.6	85.8	85.8
GE 1000	59.0	61.1	65.5	68.6	74.4	74.7	78.3	81.8	82.5	85.1	87.5	87.6	90.7	91.3	91.7	91.7
GE 900	59.0	61.1	65.5	68.6	74.4	74.7	78.3	81.8	82.5	85.1	87.5	87.6	90.7	91.3	91.7	91.7
GE 800	59.2	61.3	65.8	68.8	74.8	75.0	78.7	82.2	82.9	85.8	88.2	88.3	91.4	92.0	92.4	92.4
GE 700	59.2	61.3	66.1	69.2	75.3	75.6	79.6	83.1	84.1	87.0	89.3	89.4	92.7	93.3	93.7	93.7
GE 600	59.2	61.3	66.2	69.6	75.8	76.2	80.2	83.7	84.6	87.6	90.0	90.2	93.6	94.1	94.5	94.5
GE 500	59.4	61.5	66.7	70.1	76.6	77.0	81.5	85.0	85.9	88.9	91.6	91.7	95.3	96.0	96.4	96.4
GE 400	59.8	61.9	67.1	70.5	77.0	77.5	81.9	85.5	86.4	89.3	92.0	92.1	95.9	96.8	97.3	97.3
GE 300	59.9	62.0	67.4	70.9	77.5	78.0	82.4	86.2	87.1	90.0	92.7	92.8	96.6	97.7	98.6	98.8
GE 200	59.9	62.0	67.4	70.9	77.5	78.0	82.4	86.2	87.1	90.0	92.8	93.0	96.7	98.0	99.3	100.0
GE 100	59.9	62.0	67.4	70.9	77.5	78.0	82.4	86.2	87.1	90.0	92.8	93.0	96.7	98.0	99.3	100.0
GE 000	59.9	62.0	67.4	70.9	77.5	78.0	82.4	86.2	87.1	90.0	92.8	93.0	96.7	98.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 853

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.9	41.6	43.6	45.2	47.8	47.8	49.6	50.8	51.1	53.7	54.5	54.5	56.1	56.5	56.7	56.7
GE 20000	40.2	42.0	44.0	45.5	48.2	48.3	50.2	51.4	51.7	54.2	55.1	55.1	56.7	57.1	57.3	57.3
GE 18000	40.6	42.5	44.5	46.0	48.7	48.8	50.7	51.9	52.1	54.7	55.8	55.8	57.4	57.8	58.0	58.0
GE 16000	40.6	42.5	44.5	46.0	48.7	48.8	50.7	51.9	52.1	54.7	55.8	55.8	57.4	57.8	58.0	58.0
GE 14000	41.6	43.5	45.5	47.1	49.8	49.9	51.8	52.9	53.2	55.8	56.8	56.8	58.5	58.8	59.1	59.1
GE 12000	42.0	43.9	45.9	47.5	50.2	50.6	52.5	53.7	53.9	56.5	57.5	57.5	59.6	59.9	60.1	60.1
GE 10000	43.3	45.2	47.8	49.5	52.2	52.6	54.5	55.7	55.9	58.5	59.6	59.6	61.6	61.9	62.1	62.1
GE 9000	43.9	45.8	48.3	50.1	52.8	53.2	55.1	56.3	56.5	59.1	60.1	60.1	62.1	62.5	62.7	62.7
GE 8000	46.0	47.9	50.5	52.2	55.1	55.4	57.3	58.7	59.0	61.6	63.0	63.0	65.0	65.4	65.8	65.8
GE 7000	46.3	48.2	50.8	52.6	55.7	56.0	57.9	59.6	59.8	62.6	64.0	64.0	66.0	66.5	66.9	66.9
GE 6000	47.1	48.9	51.5	53.3	56.4	56.7	58.7	60.4	60.6	63.8	65.4	65.4	67.5	67.9	68.3	68.3
GE 5000	47.6	49.5	52.1	54.0	57.1	57.4	59.4	61.1	61.3	64.5	66.2	66.2	68.2	68.6	69.0	69.0
GE 4500	48.1	50.0	52.6	54.5	57.5	57.9	60.0	61.7	61.9	65.1	66.7	66.7	68.8	69.2	69.6	69.6
GE 4000	49.3	51.2	53.8	55.8	59.0	59.3	61.4	63.1	63.3	66.5	68.2	68.2	70.2	70.6	71.0	71.0
GE 3500	49.8	51.7	54.2	56.3	59.6	59.9	62.0	63.7	63.9	67.1	68.8	68.8	70.8	71.2	71.6	71.6
GE 3000	50.6	52.6	55.5	57.9	61.2	61.6	63.7	65.3	65.6	68.8	70.4	70.4	72.4	72.9	73.2	73.2
GE 2500	51.4	53.4	57.1	59.6	62.9	63.2	65.3	67.0	67.2	70.4	72.1	72.1	74.1	74.5	74.9	74.9
GE 2000	51.8	53.8	57.5	60.6	64.0	64.4	66.6	68.3	68.5	72.1	73.8	73.8	75.8	76.3	76.7	76.7
GE 1800	52.2	54.2	58.0	61.1	64.5	64.9	67.1	68.8	69.0	72.5	74.3	74.3	76.3	76.8	77.1	77.1
GE 1500	53.5	55.8	60.3	63.7	67.5	67.8	70.0	71.9	72.2	76.1	78.1	78.1	80.8	81.4	82.1	82.1
GE 1200	55.8	58.0	63.3	68.0	72.5	72.9	75.1	77.2	77.5	81.4	83.4	83.4	86.1	86.8	87.5	87.5
GE 1000	56.6	59.0	64.7	70.5	76.5	76.9	79.4	81.7	82.0	86.1	88.4	88.4	91.5	92.2	93.4	93.4
GE 900	56.6	59.0	64.7	70.5	76.5	76.9	79.4	81.7	82.0	86.2	88.6	88.6	91.6	92.3	93.5	93.5
GE 800	56.6	59.0	64.7	70.5	76.5	77.1	79.6	82.0	82.2	86.6	88.9	88.9	92.0	92.7	93.9	94.0
GE 700	56.6	59.0	64.9	70.6	76.7	77.2	80.2	82.5	83.0	87.4	89.7	89.7	92.8	93.5	94.7	94.8
GE 600	56.7	59.1	65.0	70.8	76.8	77.4	80.4	82.8	83.3	87.6	90.0	90.0	93.0	93.8	94.9	95.0
GE 500	56.7	59.1	65.3	71.1	77.2	77.8	81.3	83.6	84.1	88.4	90.9	90.9	94.6	95.4	96.8	96.9
GE 400	56.7	59.1	65.4	71.3	77.5	78.1	81.5	83.8	84.3	88.7	91.2	91.2	94.8	95.8	97.2	97.3
GE 300	56.7	59.1	65.4	71.3	77.5	78.1	81.5	84.1	84.6	88.9	91.4	91.4	95.0	96.1	97.5	98.1
GE 200	56.7	59.1	65.6	71.5	77.6	78.2	81.6	84.2	84.7	89.0	91.5	91.5	95.4	96.6	98.2	99.4
GE 100	56.7	59.1	65.6	71.5	77.6	78.2	81.6	84.2	84.7	89.0	91.5	91.5	95.4	96.7	98.3	99.9
GE 000	56.7	59.1	65.6	71.5	77.6	78.2	81.6	84.2	84.7	89.0	91.5	91.5	95.4	96.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 848

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.9	40.3	41.6	42.9	45.4	45.5	47.6	48.5	48.9	49.9	50.6	50.9	51.8	52.2	52.6	52.6
GE 20000	40.7	42.2	43.6	45.0	47.5	47.6	50.0	50.8	51.3	52.2	53.0	53.3	54.1	54.6	55.0	55.0
GE 18000	40.8	42.3	43.9	45.3	47.9	48.0	50.4	51.2	51.7	52.6	53.3	53.7	54.5	55.0	55.3	55.3
GE 16000	40.9	42.4	44.0	45.4	48.0	48.1	50.5	51.3	51.8	52.7	53.4	53.8	54.6	55.1	55.4	55.4
GE 14000	41.3	42.8	44.3	45.9	48.7	48.8	51.2	52.0	52.5	53.4	54.1	54.5	55.3	55.8	56.1	56.1
GE 12000	41.7	43.3	44.9	46.5	49.8	49.9	52.2	53.2	53.7	54.6	55.3	55.7	56.7	57.2	57.6	57.6
GE 10000	44.4	46.0	47.9	49.4	52.7	52.8	55.2	56.1	56.6	57.6	58.3	58.6	59.7	60.2	60.5	60.5
GE 9000	45.0	46.6	48.5	50.0	53.3	53.4	55.8	56.7	57.2	58.2	58.9	59.2	60.3	60.8	61.1	61.1
GE 8000	47.2	49.1	51.1	52.6	56.0	56.1	58.7	60.0	60.5	61.6	62.5	62.6	63.9	64.4	64.8	64.8
GE 7000	47.9	49.8	52.1	53.7	57.3	57.4	60.2	61.5	61.9	63.0	63.7	64.1	65.4	65.8	66.2	66.2
GE 6000	48.6	50.5	53.0	54.5	58.2	58.3	61.5	62.9	63.6	64.7	65.4	65.7	67.1	67.6	68.0	68.0
GE 5000	49.8	51.8	54.5	56.1	59.8	59.9	63.5	64.9	65.6	66.7	67.4	67.7	69.1	69.6	70.0	70.0
GE 4500	50.4	52.4	55.1	56.7	60.4	60.5	64.1	65.5	66.2	67.3	68.0	68.3	69.7	70.2	70.6	70.6
GE 4000	50.9	53.0	55.9	57.6	61.3	61.5	65.0	66.4	67.1	68.2	68.9	69.3	70.8	71.3	71.6	71.6
GE 3500	51.3	53.3	56.3	57.9	61.7	61.8	65.4	66.8	67.5	68.6	69.3	69.6	71.2	71.6	72.0	72.0
GE 3000	53.1	55.1	58.3	60.0	63.8	63.9	67.5	68.9	69.6	70.7	71.4	71.7	73.3	73.8	74.1	74.1
GE 2500	53.3	55.6	59.0	60.8	64.5	64.7	68.2	69.7	70.4	71.5	72.2	72.6	74.1	74.6	74.9	74.9
GE 2000	54.3	56.6	60.2	62.2	66.1	66.2	69.7	71.3	72.0	73.2	73.9	74.2	75.8	76.2	76.6	76.6
GE 1800	55.6	58.2	61.7	63.8	68.0	68.1	71.6	73.2	73.9	75.1	75.8	76.1	77.7	78.1	78.5	78.5
GE 1500	57.3	59.9	64.2	66.3	71.2	71.3	75.4	77.3	78.0	79.2	79.9	80.3	82.3	82.7	83.6	83.6
GE 1200	59.1	61.7	66.3	68.7	74.2	74.3	78.5	81.1	81.8	83.0	83.7	84.0	86.3	86.9	87.7	87.7
GE 1000	60.9	63.7	68.7	71.5	77.8	77.9	82.5	85.5	86.2	87.5	88.4	88.8	91.7	92.8	93.9	94.0
GE 900	60.9	63.7	68.7	71.5	77.8	77.9	82.5	85.5	86.2	87.6	88.7	89.0	92.0	93.0	94.1	94.2
GE 800	60.9	63.7	68.9	71.7	78.1	78.3	83.3	86.4	87.1	88.7	89.7	90.1	93.4	94.4	95.5	95.9
GE 700	61.1	63.9	69.3	72.1	78.5	78.6	83.8	86.9	87.6	89.2	90.3	90.7	94.0	95.0	96.1	96.5
GE 600	61.2	64.1	69.4	72.2	78.6	78.7	83.9	87.0	87.7	89.5	90.5	90.9	94.2	95.3	96.3	96.7
GE 500	61.2	64.1	69.5	72.3	78.7	78.8	84.0	87.1	87.8	89.6	90.7	91.0	94.6	95.6	96.7	97.0
GE 400	61.2	64.1	69.5	72.3	78.7	78.8	84.0	87.4	88.2	90.0	91.1	91.5	95.0	96.1	97.2	97.5
GE 300	61.2	64.1	69.5	72.3	78.7	78.8	84.2	87.5	88.3	90.2	91.4	91.7	95.4	96.7	97.8	98.5
GE 200	61.2	64.1	69.6	72.5	78.8	79.0	84.4	87.7	88.5	90.4	91.6	92.0	95.6	97.0	98.3	99.1
GE 100	61.2	64.1	69.6	72.5	78.8	79.0	84.4	87.7	88.5	90.7	91.8	92.2	95.9	97.3	98.6	99.6
GE 000	61.2	64.1	69.6	72.5	78.8	79.0	84.4	87.7	88.5	90.7	91.8	92.2	95.9	97.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 846

D - 2 - 96

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.2	42.0	43.8	45.8	48.4	48.5	49.4	50.8	51.0	51.6	52.1	52.1	52.7	53.1	53.2	53.2
GE 20000	42.4	43.2	45.0	47.0	49.6	49.7	50.5	51.9	52.2	52.8	53.2	53.2	53.8	54.3	54.4	54.4
GE 18000	42.4	43.2	45.0	47.0	49.6	49.7	50.6	52.1	52.3	52.9	53.4	53.4	53.9	54.4	54.5	54.5
GE 16000	42.4	43.2	45.0	47.0	49.6	49.7	50.6	52.1	52.3	52.9	53.4	53.4	53.9	54.4	54.5	54.5
GE 14000	42.9	43.7	45.5	47.5	50.1	50.2	51.2	52.8	53.0	53.8	54.3	54.3	54.9	55.4	55.5	55.5
GE 12000	43.8	44.6	46.5	48.5	51.5	51.6	52.7	54.4	54.7	55.5	55.9	55.9	56.5	57.0	57.1	57.1
GE 10000	46.6	47.5	49.6	51.6	54.5	54.7	55.7	57.5	57.7	58.5	59.0	59.0	59.6	60.1	60.2	60.2
GE 9000	47.3	48.2	50.3	52.3	55.2	55.4	56.4	58.2	58.4	59.2	59.7	59.7	60.3	60.8	60.9	60.9
GE 8000	49.5	50.4	52.8	54.8	57.7	57.8	59.0	60.9	61.1	62.0	62.4	62.4	63.0	63.5	63.6	63.6
GE 7000	50.5	51.5	53.8	55.9	58.9	59.0	60.2	62.1	62.3	63.1	63.6	63.6	64.2	64.7	64.8	64.8
GE 6000	51.6	52.7	55.2	57.7	60.8	60.9	62.1	64.0	64.2	65.0	65.5	65.5	66.1	66.5	66.7	66.7
GE 5000	53.0	54.3	57.4	59.8	62.9	63.0	64.2	66.1	66.3	67.1	67.7	67.7	68.3	68.8	68.9	68.9
GE 4500	53.1	54.4	57.5	60.0	63.0	63.1	64.3	66.2	66.4	67.3	67.8	67.8	68.4	68.9	69.0	69.0
GE 4000	54.5	55.8	59.1	61.6	64.7	64.8	66.0	68.1	68.3	69.1	69.7	69.7	70.6	71.0	71.1	71.1
GE 3500	54.9	56.2	59.5	62.0	65.0	65.1	66.4	68.6	68.8	69.6	70.2	70.2	71.0	71.5	71.6	71.6
GE 3000	56.5	57.8	61.7	64.2	67.3	67.4	68.7	70.8	71.0	71.8	72.4	72.4	73.3	73.7	73.9	73.9
GE 2500	57.1	58.4	62.3	64.8	67.8	68.0	69.3	71.4	71.6	72.4	73.1	73.1	74.0	74.4	74.6	74.6
GE 2000	58.4	59.8	64.2	66.9	70.1	70.2	71.7	73.9	74.1	74.9	75.6	75.6	76.7	77.1	77.3	77.3
GE 1800	58.8	60.2	64.5	67.3	70.4	70.6	72.1	74.2	74.4	75.5	76.2	76.2	77.3	77.7	77.9	77.9
GE 1500	62.0	63.4	68.0	70.9	74.2	74.3	75.9	78.0	78.2	79.3	80.0	80.0	81.5	82.0	82.1	82.1
GE 1200	64.0	65.7	70.7	74.3	78.2	78.4	80.1	82.3	82.6	83.9	84.6	84.6	86.3	86.8	86.9	86.9
GE 1000	65.6	68.2	73.1	77.0	81.2	81.4	83.5	85.7	86.0	87.6	88.9	88.9	91.6	92.2	92.3	92.3
GE 900	65.8	68.4	73.4	77.3	81.4	81.6	83.7	86.0	86.2	87.9	89.2	89.2	91.9	92.5	92.6	92.6
GE 800	66.1	68.7	74.0	77.9	82.3	82.6	84.8	87.2	87.4	89.0	90.6	90.6	93.4	94.0	94.7	94.7
GE 700	66.5	69.1	74.4	78.3	82.8	83.0	85.4	87.9	88.1	89.8	91.5	91.5	94.3	94.9	95.6	95.6
GE 600	66.7	69.3	74.8	78.9	83.4	83.6	86.0	88.5	88.7	90.3	92.1	92.1	94.9	95.5	96.2	96.2
GE 500	66.8	69.5	75.3	79.4	83.9	84.1	86.5	88.9	89.2	90.8	92.7	92.7	95.6	96.2	97.1	97.1
GE 400	66.9	69.6	75.6	79.9	84.3	84.6	87.0	89.5	89.8	91.4	93.3	93.3	96.2	96.8	97.6	97.6
GE 300	66.9	69.6	75.6	79.9	84.5	84.7	87.2	89.9	90.1	91.5	93.9	93.9	96.9	97.6	98.5	98.6
GE 200	66.9	69.6	75.6	79.9	84.5	84.7	87.2	89.9	90.1	91.9	94.0	94.0	97.1	97.8	98.6	98.8
GE 100	66.9	69.6	75.6	79.9	84.5	84.7	87.2	89.9	90.1	92.0	94.1	94.1	97.4	98.1	99.3	99.8
GE 000	66.9	69.6	75.6	79.9	84.5	84.7	87.2	89.9	90.1	92.0	94.1	94.1	97.4	98.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 849

D - 2 - 97

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.6	48.2	50.0	50.7	53.2	53.2	54.3	55.5	56.0	56.8	57.7	57.7	58.1	58.4	58.6	58.6
GE 20000	47.7	49.3	51.1	51.8	54.2	54.2	55.4	56.5	57.0	57.8	58.8	58.8	59.1	59.5	59.7	59.7
GE 18000	47.9	49.5	51.3	52.0	54.4	54.6	55.7	56.9	57.4	58.2	59.1	59.1	59.5	59.8	60.0	60.0
GE 16000	48.0	49.6	51.4	52.1	54.6	54.7	55.8	57.0	57.5	58.3	59.2	59.2	59.6	59.9	60.2	60.2
GE 14000	48.1	49.8	51.5	52.2	54.7	54.8	56.0	57.1	57.6	58.4	59.3	59.3	59.7	60.0	60.3	60.3
GE 12000	48.7	50.4	52.1	52.8	55.4	55.5	56.7	57.8	58.3	59.1	60.0	60.0	60.4	60.7	61.0	61.0
GE 10000	50.2	52.1	53.9	54.6	57.1	57.2	58.4	59.6	60.0	60.9	61.8	61.8	62.1	62.5	62.7	62.7
GE 9000	51.5	53.4	55.1	55.8	58.4	58.5	59.7	60.9	61.3	62.1	63.1	63.1	63.4	63.8	64.0	64.0
GE 8000	52.9	54.8	56.9	57.7	60.4	60.5	61.7	62.9	63.3	64.1	65.1	65.1	65.4	65.8	66.0	66.0
GE 7000	53.6	55.5	57.6	58.4	61.1	61.2	62.4	63.6	64.0	64.8	65.8	65.8	66.1	66.5	66.7	66.7
GE 6000	54.7	56.5	58.6	59.5	62.1	62.3	63.4	64.6	65.1	65.9	66.8	66.8	67.2	67.5	67.8	67.8
GE 5000	56.0	57.8	59.9	60.7	63.4	63.6	64.7	65.9	66.4	67.2	68.1	68.1	68.5	68.8	69.0	69.0
GE 4500	56.3	58.2	60.3	61.1	63.8	63.9	65.1	66.2	66.7	67.5	68.5	68.5	68.8	69.2	69.4	69.4
GE 4000	57.7	59.6	61.8	62.6	65.5	65.7	66.8	68.0	68.5	69.3	70.2	70.2	70.6	70.9	71.1	71.1
GE 3500	58.1	59.9	62.1	63.0	65.9	66.0	67.2	68.3	68.8	69.6	70.6	70.6	71.3	71.6	71.8	71.8
GE 3000	59.2	61.2	63.4	64.5	67.4	67.5	68.7	70.1	70.6	71.5	72.4	72.4	73.1	73.5	73.7	73.7
GE 2500	59.9	62.1	64.4	65.5	68.6	68.7	69.9	71.3	71.7	72.8	73.7	73.7	74.8	75.1	75.4	75.4
GE 2000	61.9	64.1	67.1	68.2	71.3	71.4	72.5	73.9	74.4	75.5	76.5	76.5	77.6	77.9	78.2	78.2
GE 1800	62.5	64.7	67.9	69.2	72.3	72.4	73.6	75.1	75.6	76.6	77.7	77.7	78.7	79.1	79.3	79.3
GE 1500	64.6	66.8	70.6	71.8	75.0	75.1	76.3	77.9	78.4	79.9	81.3	81.3	82.4	82.8	83.1	83.1
GE 1200	65.5	68.2	72.5	74.4	78.0	78.2	79.4	81.1	81.5	83.1	84.7	84.7	86.3	86.9	87.3	87.4
GE 1000	68.0	70.7	75.5	77.3	81.2	81.3	82.6	84.3	84.8	86.8	88.7	88.7	90.8	91.6	91.9	92.1
GE 900	68.0	70.7	75.5	77.3	81.2	81.3	82.6	84.3	84.8	86.8	88.7	88.7	90.8	91.6	91.9	92.1
GE 800	68.1	70.8	75.9	77.8	81.7	81.8	83.2	84.9	85.4	87.4	89.4	89.4	91.5	92.4	93.2	93.3
GE 700	68.8	71.5	76.6	78.5	82.4	82.5	83.9	85.6	86.1	88.1	90.1	90.1	92.4	93.7	94.5	94.6
GE 600	69.3	72.0	77.5	79.4	83.3	83.4	84.8	86.6	87.0	89.0	91.1	91.1	93.5	94.7	95.6	95.7
GE 500	69.4	72.2	77.9	79.9	83.8	83.9	85.3	87.0	87.5	89.5	91.6	91.6	94.0	95.3	96.3	96.4
GE 400	69.7	72.7	78.9	80.8	84.7	84.8	86.3	88.1	88.6	90.5	92.6	92.6	95.1	96.4	97.3	97.4
GE 300	69.7	72.7	79.1	81.3	85.3	85.4	86.9	88.7	89.4	91.4	93.7	93.7	96.1	97.8	98.7	98.8
GE 200	69.7	72.7	79.1	81.3	85.3	85.4	86.9	88.7	89.4	91.4	93.7	93.7	96.1	98.0	99.2	99.3
GE 100	69.7	72.7	79.1	81.3	85.3	85.4	86.9	88.7	89.4	91.4	93.7	93.7	96.4	98.2	99.5	99.6
GE 000	69.7	72.7	79.1	81.3	85.3	85.4	86.9	88.7	89.4	91.4	93.7	93.7	96.4	98.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 856

D - 2 - 98

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.9	44.3	45.9	47.3	49.7	49.8	51.5	52.9	53.3	54.4	55.5	55.5	56.5	56.9	57.0	57.0
GE 20000	43.6	45.0	46.7	48.0	50.4	50.5	52.3	53.7	54.1	55.3	56.3	56.4	57.4	57.8	57.9	57.9
GE 18000	43.8	45.2	46.9	48.2	50.7	50.8	52.6	54.0	54.4	55.6	56.7	56.8	57.7	58.1	58.2	58.2
GE 16000	43.9	45.3	47.0	48.3	50.8	50.9	52.7	54.0	54.5	55.7	56.8	56.9	57.8	58.2	58.3	58.3
GE 14000	44.1	45.6	47.3	48.6	51.1	51.2	53.0	54.4	54.9	56.1	57.2	57.3	58.2	58.6	58.7	58.7
GE 12000	44.6	46.1	47.8	49.2	51.8	52.0	53.8	55.2	55.7	56.9	58.0	58.1	59.1	59.5	59.6	59.6
GE 10000	46.5	47.9	49.8	51.2	53.8	54.0	55.8	57.3	57.8	59.0	60.1	60.2	61.3	61.6	61.8	61.8
GE 9000	47.0	48.5	50.4	51.8	54.4	54.6	56.4	57.9	58.4	59.6	60.7	60.8	61.9	62.2	62.4	62.4
GE 8000	48.5	50.0	52.1	53.5	56.1	56.3	58.3	59.8	60.3	61.5	62.7	62.8	63.9	64.3	64.4	64.4
GE 7000	49.0	50.6	52.7	54.1	56.9	57.0	59.0	60.6	61.1	62.4	63.6	63.7	64.8	65.1	65.3	65.3
GE 6000	49.7	51.3	53.5	55.0	57.8	58.0	60.0	61.6	62.2	63.5	64.7	64.8	65.9	66.3	66.5	66.5
GE 5000	50.8	52.5	54.8	56.3	59.1	59.3	61.4	63.0	63.6	64.9	66.1	66.2	67.3	67.7	67.9	67.9
GE 4500	51.1	52.8	55.1	56.6	59.5	59.7	61.8	63.4	63.9	65.3	66.5	66.6	67.7	68.1	68.2	68.2
GE 4000	52.1	53.8	56.3	57.8	60.8	61.0	63.1	64.8	65.3	66.6	67.9	67.9	69.1	69.5	69.7	69.7
GE 3500	52.4	54.1	56.6	58.1	61.1	61.3	63.4	65.1	65.7	67.0	68.3	68.3	69.7	70.1	70.2	70.2
GE 3000	53.8	55.6	58.2	59.9	62.9	63.1	65.2	66.9	67.5	68.8	70.1	70.1	71.5	71.9	72.0	72.0
GE 2500	55.1	57.0	59.8	61.6	64.7	64.9	67.0	68.8	69.3	70.7	71.9	72.0	73.4	73.8	73.9	73.9
GE 2000	56.6	58.5	61.7	63.8	67.0	67.2	69.5	71.3	71.9	73.3	74.6	74.7	76.3	76.6	76.8	76.8
GE 1800	57.0	59.1	62.3	64.4	67.7	67.9	70.2	72.0	72.5	74.0	75.3	75.4	77.0	77.4	77.5	77.5
GE 1500	59.4	61.5	65.3	67.6	71.2	71.4	74.0	75.9	76.4	78.2	79.6	79.7	81.5	82.0	82.3	82.3
GE 1200	61.5	63.8	68.0	70.8	74.9	75.1	77.8	80.0	80.5	82.4	83.9	83.9	86.0	86.5	86.8	86.8
GE 1000	63.2	65.8	70.2	73.4	77.9	78.2	81.2	83.6	84.2	86.3	88.2	88.2	90.7	91.5	91.9	92.0
GE 900	63.2	65.8	70.3	73.4	78.0	78.2	81.3	83.7	84.2	86.4	88.3	88.3	90.9	91.7	92.0	92.1
GE 800	63.4	66.0	70.7	73.9	78.6	78.8	82.0	84.5	85.1	87.4	89.3	89.4	92.0	93.0	93.5	93.6
GE 700	63.8	66.4	71.3	74.5	79.2	79.5	82.7	85.3	85.9	88.2	90.2	90.3	93.0	94.0	94.6	94.6
GE 600	64.3	67.0	72.0	75.3	80.1	80.4	83.7	86.2	86.9	89.2	91.2	91.3	94.0	95.1	95.7	95.7
GE 500	64.5	67.2	72.4	75.7	80.6	80.9	84.4	86.9	87.6	89.9	92.0	92.1	95.1	96.2	96.9	97.0
GE 400	64.7	67.4	72.7	76.0	81.0	81.3	84.7	87.3	88.0	90.3	92.4	92.5	95.6	96.8	97.5	97.6
GE 300	64.7	67.4	73.0	76.3	81.3	81.6	85.1	87.8	88.5	90.9	93.1	93.2	96.2	97.6	98.4	98.7
GE 200	64.7	67.4	73.0	76.4	81.4	81.7	85.2	87.9	88.6	91.0	93.2	93.3	96.4	98.0	98.9	99.4
GE 100	64.7	67.4	73.0	76.4	81.4	81.7	85.2	87.9	88.6	91.1	93.3	93.4	96.5	98.1	99.2	99.8
GE 000	64.7	67.4	73.0	76.4	81.4	81.7	85.2	87.9	88.6	91.1	93.3	93.4	96.5	98.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 6789

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.8	50.5	53.2	55.3	58.4	58.5	60.2	60.7	60.9	61.1	61.2	61.2	61.9	62.1	63.0	63.2
GE 20000	49.1	50.8	53.5	55.6	58.7	58.8	60.5	61.1	61.3	61.4	61.5	61.5	62.2	62.4	63.3	63.5
GE 18000	49.4	51.1	53.8	56.0	59.0	59.1	60.8	61.4	61.6	61.7	61.9	61.9	62.5	62.8	63.7	63.9
GE 16000	49.4	51.1	53.8	56.0	59.0	59.1	60.8	61.4	61.6	61.7	61.9	61.9	62.5	62.8	63.7	63.9
GE 14000	49.4	51.1	53.8	56.0	59.0	59.1	60.8	61.4	61.6	61.7	61.9	61.9	62.5	62.8	63.7	63.9
GE 12000	49.8	51.5	54.2	56.3	59.4	59.5	61.2	61.7	62.0	62.1	62.2	62.2	62.9	63.1	64.0	64.2
GE 10000	51.2	53.0	55.8	57.9	60.9	61.1	62.8	63.3	63.5	63.7	63.8	63.8	64.4	64.7	65.6	65.8
GE 9000	51.9	53.8	56.5	58.7	61.7	61.9	63.5	64.1	64.3	64.4	64.6	64.6	65.2	65.5	66.4	66.6
GE 8000	52.4	54.3	57.0	59.1	62.4	62.5	64.3	64.9	65.1	65.2	65.3	65.3	66.0	66.3	67.2	67.4
GE 7000	53.2	55.1	57.8	59.9	63.2	63.3	65.1	65.7	65.9	66.0	66.1	66.1	66.8	67.0	67.9	68.2
GE 6000	54.0	55.9	58.8	60.9	64.6	64.7	66.5	67.0	67.3	67.4	67.5	67.5	68.2	68.4	69.3	69.5
GE 5000	55.4	57.4	60.5	62.6	66.5	66.6	68.8	69.4	69.6	69.8	69.9	69.9	70.5	70.8	71.7	71.9
GE 4500	56.1	58.1	61.2	63.4	67.2	67.3	69.5	70.1	70.3	70.4	70.5	70.5	71.2	71.4	72.3	72.6
GE 4000	57.4	59.6	62.8	65.1	69.0	69.1	71.3	71.9	72.1	72.2	72.3	72.3	73.0	73.3	74.2	74.4
GE 3500	58.1	60.3	63.5	66.0	70.1	70.2	72.5	73.0	73.3	73.4	73.5	73.5	74.2	74.4	75.3	75.5
GE 3000	59.0	61.2	64.8	67.5	71.8	71.9	74.2	74.7	74.9	75.1	75.2	75.2	75.8	76.1	77.0	77.2
GE 2500	59.8	62.0	65.9	69.6	72.9	73.1	75.4	76.0	76.2	76.3	76.4	76.4	77.1	77.3	78.2	78.4
GE 2000	62.3	64.4	68.7	71.4	75.8	76.1	78.6	79.2	79.5	79.6	79.7	79.7	80.4	80.6	81.5	81.7
GE 1800	63.2	65.3	69.6	72.3	76.7	77.0	79.6	80.2	80.5	80.6	80.7	80.7	81.4	81.6	82.5	82.7
GE 1500	65.0	67.2	71.6	74.3	79.1	79.3	81.9	82.7	83.2	83.4	83.5	83.5	84.2	84.4	85.3	85.6
GE 1200	66.3	68.5	73.3	76.3	81.3	81.5	84.1	85.2	85.7	85.9	86.0	86.0	86.7	86.9	87.8	88.0
GE 1000	67.5	70.4	75.4	78.7	84.1	84.3	87.0	88.4	88.8	89.1	89.2	89.2	89.8	90.1	91.0	91.2
GE 900	67.9	70.9	75.8	79.1	84.5	84.8	87.5	88.8	89.3	89.5	89.6	89.6	90.3	90.5	91.4	91.6
GE 800	67.9	71.0	76.1	79.3	84.9	85.1	87.9	89.3	90.0	90.3	90.6	90.6	91.3	91.5	92.4	92.7
GE 700	67.9	71.0	76.1	79.3	84.9	85.1	87.9	89.3	90.0	90.3	90.6	90.6	91.3	91.6	92.6	92.8
GE 600	68.6	71.7	76.7	80.0	85.6	85.8	88.6	90.0	90.6	91.0	91.4	91.4	92.1	92.6	93.5	93.7
GE 500	69.1	72.2	77.4	81.0	86.6	86.8	90.1	91.8	92.4	92.8	93.5	93.5	94.4	95.3	96.2	96.4
GE 400	69.4	72.6	77.8	81.4	86.9	87.1	90.4	92.1	92.8	93.1	93.9	93.9	95.1	96.0	97.5	97.5
GE 300	69.8	72.9	78.1	81.7	87.2	87.5	91.2	92.9	93.6	93.9	94.9	94.9	96.2	97.1	98.3	98.5
GE 200	70.1	73.3	78.4	82.1	87.6	87.8	91.5	93.2	93.9	94.2	95.3	95.3	96.7	97.7	99.0	99.2
GE 100	70.2	73.4	78.6	82.2	87.7	87.9	91.6	93.3	94.0	94.4	95.4	95.4	97.2	98.3	99.7	99.9
GE 000	70.2	73.4	78.6	82.2	87.7	87.9	91.6	93.3	94.0	94.4	95.4	95.4	97.2	98.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 886

D - 2 - 100

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.3	48.6	52.2	53.6	56.7	56.7	58.4	59.2	59.2	60.1	60.2	60.4	60.9	61.2	61.5	61.5
GE 20000	47.8	49.0	52.7	54.0	57.2	57.2	58.9	59.7	59.7	60.6	60.7	60.8	61.4	61.6	61.9	61.9
GE 18000	48.0	49.3	52.9	54.2	57.4	57.4	59.1	59.9	59.9	60.8	60.9	61.0	61.6	61.8	62.2	62.2
GE 16000	48.4	49.6	53.2	54.6	57.8	57.8	59.5	60.2	60.2	61.2	61.3	61.4	61.9	62.2	62.5	62.5
GE 14000	48.5	49.7	53.3	54.7	57.9	57.9	59.6	60.4	60.4	61.3	61.4	61.5	62.1	62.3	62.6	62.6
GE 12000	48.6	49.8	53.5	54.8	58.0	58.0	59.7	60.5	60.5	61.4	61.5	61.6	62.2	62.4	62.7	62.7
GE 10000	49.5	50.8	54.5	55.8	59.0	59.0	60.7	61.5	61.5	62.4	62.5	62.6	63.2	63.4	63.8	63.8
GE 9000	50.2	51.5	55.2	56.5	59.7	59.7	61.4	62.2	62.2	63.1	63.2	63.3	63.9	64.1	64.4	64.4
GE 8000	50.7	52.1	55.9	57.3	60.5	60.5	62.3	63.1	63.1	64.0	64.1	64.2	64.8	65.0	65.3	65.3
GE 7000	51.6	53.0	56.9	58.2	61.4	61.4	63.2	64.0	64.0	64.9	65.0	65.1	65.7	65.9	66.3	66.3
GE 6000	52.7	54.0	57.9	59.2	62.5	62.5	64.4	65.2	65.2	66.1	66.3	66.4	66.9	67.2	67.5	67.5
GE 5000	54.5	55.9	60.5	61.9	65.2	65.2	67.2	68.0	68.0	68.9	69.0	69.1	69.6	69.9	70.2	70.2
GE 4500	54.7	56.2	60.9	62.4	65.7	65.7	67.7	68.5	68.5	69.4	69.5	69.6	70.2	70.4	70.8	70.8
GE 4000	56.5	58.2	63.1	64.6	67.8	67.8	69.9	70.7	70.7	71.6	71.7	71.8	72.4	72.6	72.9	72.9
GE 3500	56.9	58.6	63.5	65.0	68.4	68.4	70.4	71.2	71.2	72.1	72.3	72.4	72.9	73.2	73.5	73.5
GE 3000	57.6	59.5	64.9	66.5	70.2	70.2	72.6	73.5	73.5	74.4	74.5	74.6	75.2	75.4	75.8	75.8
GE 2500	58.2	60.0	65.8	67.5	71.2	71.2	73.6	74.5	74.5	75.4	75.5	75.7	76.2	76.4	76.8	76.8
GE 2000	61.6	63.6	70.0	72.0	76.0	76.0	78.4	79.3	79.3	80.2	80.3	80.4	81.0	81.2	81.5	81.5
GE 1800	61.9	64.0	70.3	72.6	76.6	76.6	78.9	79.8	79.8	80.7	80.9	81.0	81.5	81.8	82.1	82.1
GE 1500	63.6	65.8	72.6	75.0	79.5	79.5	82.1	83.4	83.4	84.6	84.7	84.8	85.4	85.6	86.0	86.0
GE 1200	64.8	67.0	74.3	76.9	81.5	81.5	84.3	85.8	85.8	87.1	87.2	87.3	87.9	88.1	88.4	88.4
GE 1000	65.7	68.3	75.9	78.7	83.8	83.9	86.7	88.4	88.4	89.9	90.0	90.1	90.8	91.1	91.4	91.4
GE 900	66.0	68.6	76.2	79.0	84.1	84.5	87.3	89.0	89.0	90.5	90.6	90.7	91.4	91.6	92.0	92.0
GE 800	66.5	69.2	77.0	79.8	85.2	85.5	88.4	90.3	90.3	91.7	91.8	92.1	93.1	93.3	93.7	93.7
GE 700	67.0	70.1	77.9	80.7	86.2	86.5	89.5	91.5	91.5	93.0	93.1	93.3	94.3	94.7	95.0	95.0
GE 600	67.4	70.4	78.3	81.1	86.7	87.1	90.0	92.1	92.1	93.5	93.7	93.9	94.9	95.4	95.7	95.7
GE 500	67.5	70.6	78.4	81.2	87.2	87.5	90.5	92.5	92.5	94.1	94.2	94.5	95.6	96.5	96.8	96.8
GE 400	67.7	70.8	78.6	81.4	87.4	87.8	90.8	92.9	92.9	94.5	94.6	94.8	96.1	97.2	97.8	97.8
GE 300	68.0	71.0	78.8	81.7	87.8	88.1	91.2	93.2	93.2	94.8	95.2	95.5	97.2	98.2	98.9	98.9
GE 200	68.1	71.1	79.0	82.0	88.1	88.4	91.5	93.5	93.5	95.1	95.6	95.9	97.8	98.9	99.7	99.7
GE 100	68.1	71.1	79.0	82.0	88.1	88.4	91.5	93.5	93.5	95.1	95.6	95.9	98.0	99.0	99.8	100.0
GE 000	68.1	71.1	79.0	82.0	88.1	88.4	91.5	93.5	93.5	95.1	95.6	95.9	98.0	99.0	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 883

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.7	51.6	54.8	55.6	58.3	58.5	59.7	60.5	60.5	61.5	61.9	61.9	62.9	62.9	62.9	63.2
GE 20000	51.1	52.0	55.1	55.9	58.6	58.9	60.0	60.8	60.8	61.8	62.3	62.3	63.3	63.3	63.3	63.5
GE 18000	51.2	52.1	55.3	56.0	58.8	59.0	60.1	60.9	60.9	61.9	62.4	62.4	63.4	63.4	63.4	63.6
GE 16000	51.2	52.1	55.3	56.0	58.8	59.0	60.1	60.9	60.9	61.9	62.4	62.4	63.4	63.4	63.4	63.6
GE 14000	51.6	52.5	55.7	56.5	59.2	59.4	60.6	61.4	61.4	62.4	62.8	62.8	63.8	63.8	63.8	64.1
GE 12000	52.3	53.2	56.4	57.2	59.9	60.1	61.2	62.0	62.0	63.1	63.5	63.5	64.5	64.5	64.5	64.7
GE 10000	53.7	54.6	57.7	58.5	61.2	61.5	62.6	63.4	63.4	64.4	64.9	64.9	65.9	65.9	65.9	66.1
GE 9000	54.1	55.0	58.2	59.0	61.7	61.9	63.1	63.8	63.8	64.9	65.3	65.3	66.3	66.3	66.3	66.6
GE 8000	54.5	55.4	58.5	59.3	62.1	62.4	63.6	64.4	64.4	65.4	65.9	65.9	66.9	66.9	66.9	67.1
GE 7000	55.3	56.2	59.7	60.5	63.3	63.5	64.7	65.5	65.5	66.6	67.0	67.0	68.0	68.0	68.0	68.2
GE 6000	56.5	57.4	61.0	61.8	64.6	64.9	66.1	66.9	66.9	67.9	68.4	68.4	69.4	69.4	69.4	69.6
GE 5000	58.2	59.3	63.2	64.0	66.8	67.0	68.4	69.2	69.2	70.2	70.6	70.6	71.6	71.6	71.6	71.9
GE 4500	58.3	59.4	63.3	64.2	67.0	67.2	68.7	69.5	69.5	70.5	71.0	71.0	72.0	72.0	72.0	72.2
GE 4000	59.2	60.5	64.5	65.4	68.2	68.5	70.3	71.1	71.1	72.1	72.5	72.5	73.6	73.6	73.6	73.8
GE 3500	59.2	60.5	64.5	65.6	68.7	68.9	70.7	71.5	71.5	72.5	73.0	73.0	74.0	74.0	74.0	74.2
GE 3000	60.2	61.6	65.9	67.6	71.1	71.3	73.2	74.0	74.0	75.1	75.6	75.6	76.6	76.6	76.6	76.8
GE 2500	61.6	62.9	67.3	69.2	72.7	72.9	74.8	75.6	75.6	76.8	77.3	77.3	78.3	78.3	78.3	78.5
GE 2000	66.3	67.8	72.3	74.1	77.7	78.0	80.0	80.8	80.8	82.0	82.5	82.5	83.6	83.6	83.6	83.8
GE 1800	67.0	68.5	73.0	74.8	78.5	78.8	80.8	81.6	81.6	82.8	83.3	83.3	84.4	84.4	84.4	84.6
GE 1500	68.4	70.2	74.8	76.7	81.1	81.4	83.6	84.5	84.6	85.9	86.3	86.3	87.5	87.5	87.5	87.7
GE 1200	69.6	71.4	76.3	78.2	83.2	83.5	86.0	87.1	87.2	88.5	88.9	88.9	90.1	90.1	90.1	90.3
GE 1000	70.4	72.4	77.3	79.2	84.2	84.7	87.6	89.0	89.3	90.6	91.1	91.1	92.2	92.2	92.2	92.4
GE 900	70.4	72.4	77.3	79.2	84.2	84.7	87.6	89.0	89.3	90.6	91.1	91.1	92.2	92.2	92.2	92.4
GE 800	71.0	73.0	77.9	79.8	85.0	85.5	88.4	89.8	90.1	91.5	92.0	92.1	93.2	93.2	93.2	93.4
GE 700	71.6	73.7	78.6	80.6	85.8	86.3	89.2	90.6	90.8	92.3	92.8	93.0	94.1	94.1	94.1	94.4
GE 600	72.0	74.0	79.1	81.1	86.3	86.9	89.7	91.2	91.4	92.9	93.3	93.7	94.8	94.8	94.8	95.0
GE 500	72.3	74.4	79.4	81.5	86.7	87.2	90.1	91.5	91.8	93.2	94.0	94.4	95.8	96.4	96.4	96.6
GE 400	72.5	74.6	79.7	81.7	86.9	87.5	90.3	91.8	92.0	93.6	94.6	94.9	96.6	97.4	97.4	97.7
GE 300	72.5	74.6	79.7	81.9	87.1	87.7	90.5	92.0	92.2	93.8	95.0	95.5	97.3	98.1	98.4	98.8
GE 200	72.5	74.6	79.8	82.0	87.2	87.8	90.6	92.1	92.4	94.0	95.3	95.9	97.7	98.8	99.2	99.7
GE 100	72.5	74.6	79.8	82.0	87.2	87.8	90.6	92.1	92.4	94.0	95.3	95.9	97.7	98.8	99.2	99.9
GE 000	72.5	74.6	79.8	82.0	87.2	87.8	90.6	92.1	92.4	94.0	95.3	95.9	97.7	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 885

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.3	46.4	50.3	51.3	52.8	53.0	53.6	54.4	54.6	55.3	56.3	56.5	57.6	58.1	58.5	58.7
GE 20000	44.6	46.8	50.6	51.6	53.1	53.4	53.9	54.7	54.9	55.6	56.7	56.9	57.9	58.5	58.8	59.0
GE 18000	44.8	47.0	50.9	51.9	53.4	53.6	54.2	54.9	55.2	55.9	56.9	57.1	58.1	58.7	59.0	59.3
GE 16000	44.8	47.0	50.9	51.9	53.4	53.6	54.2	54.9	55.2	55.9	56.9	57.1	58.1	58.7	59.0	59.3
GE 14000	45.6	47.8	51.6	52.7	54.2	54.4	54.9	55.7	56.0	56.7	57.7	57.9	58.9	59.5	59.8	60.1
GE 12000	46.8	49.0	52.9	53.9	55.4	55.6	56.2	57.0	57.2	57.9	58.9	59.2	60.2	60.8	61.1	61.3
GE 10000	48.4	50.6	54.5	55.5	57.1	57.3	57.9	58.7	58.9	59.6	60.6	60.9	61.9	62.5	62.8	63.0
GE 9000	48.8	51.1	55.1	56.1	57.7	57.9	58.5	59.3	59.5	60.2	61.2	61.4	62.5	63.0	63.4	63.6
GE 8000	50.3	52.6	56.5	57.6	59.3	59.5	60.2	61.0	61.2	61.9	62.9	63.1	64.2	64.7	65.1	65.3
GE 7000	51.3	53.6	57.9	58.9	60.6	60.9	61.9	62.7	62.9	63.6	64.6	64.8	65.9	66.4	66.8	67.0
GE 6000	53.6	55.9	60.3	61.3	63.1	63.4	64.5	65.3	65.5	66.2	67.2	67.5	68.5	69.3	69.6	69.9
GE 5000	55.5	58.0	62.5	63.7	65.8	66.0	67.1	67.9	68.1	68.8	69.9	70.1	71.1	71.9	72.2	72.5
GE 4500	55.5	58.0	62.5	63.7	65.8	66.0	67.1	68.0	68.3	69.2	70.2	70.4	71.4	72.2	72.6	72.8
GE 4000	56.8	59.5	64.1	65.5	67.6	67.8	69.1	70.0	70.2	71.1	72.1	72.4	73.4	74.2	74.5	74.7
GE 3500	57.1	60.0	64.6	66.1	68.3	68.5	69.7	70.6	70.9	71.8	72.8	73.0	74.1	74.9	75.2	75.4
GE 3000	58.5	61.3	66.0	67.7	69.9	70.1	71.3	72.4	72.7	73.6	74.6	74.9	75.9	76.7	77.0	77.2
GE 2500	59.7	62.8	67.5	69.2	71.3	71.6	72.8	73.8	74.2	75.1	76.1	76.3	77.4	78.2	78.5	78.7
GE 2000	62.6	66.0	71.1	73.0	75.5	75.8	77.0	78.2	78.5	79.4	80.4	80.7	81.7	82.5	82.8	83.0
GE 1800	63.3	66.7	71.9	73.8	76.3	76.6	77.8	79.0	79.3	80.2	81.2	81.5	82.5	83.3	83.6	83.8
GE 1500	65.0	68.6	74.2	76.5	79.3	79.5	80.9	82.0	82.4	84.0	85.1	85.3	86.5	87.4	87.7	87.9
GE 1200	66.8	70.5	76.5	78.8	81.7	81.9	83.3	84.4	84.8	86.3	87.5	87.7	88.9	89.8	90.1	90.3
GE 1000	68.7	72.5	78.6	81.2	84.5	84.8	86.1	87.4	87.7	89.5	90.7	90.9	92.0	92.9	93.3	93.5
GE 900	68.7	72.5	78.6	81.2	84.5	84.8	86.1	87.4	87.7	89.5	90.7	90.9	92.0	92.9	93.3	93.5
GE 800	69.3	73.0	79.2	81.9	85.2	85.4	86.9	88.4	88.9	90.8	91.9	92.2	93.3	94.2	94.5	94.8
GE 700	69.7	73.5	79.6	82.4	85.8	86.0	87.6	89.1	89.5	91.6	92.8	93.1	94.2	95.1	95.4	95.7
GE 600	69.7	73.5	79.6	82.4	85.8	86.0	87.6	89.3	89.8	91.8	93.1	93.3	94.4	95.3	95.7	95.9
GE 500	69.7	73.6	80.1	82.8	86.2	86.5	88.1	89.8	90.2	92.4	94.0	94.2	95.3	96.4	96.7	96.9
GE 400	69.9	73.7	80.2	82.9	86.5	86.7	88.4	90.1	90.6	92.9	94.7	94.9	96.5	97.8	98.2	98.4
GE 300	70.0	73.8	80.3	83.0	86.6	86.8	88.6	90.3	90.8	93.3	95.0	95.2	96.8	98.3	98.9	99.1
GE 200	70.0	73.8	80.3	83.0	86.6	86.8	88.6	90.4	91.0	93.5	95.2	95.4	97.5	99.1	99.7	100.0
GE 100	70.0	73.8	80.3	83.0	86.6	86.8	88.6	90.4	91.0	93.5	95.2	95.4	97.5	99.1	99.7	100.0
GE 000	70.0	73.8	80.3	83.0	86.6	86.8	88.6	90.4	91.0	93.5	95.2	95.4	97.5	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 879

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.0	41.6	44.0	45.4	47.6	48.0	49.7	50.7	50.7	52.7	53.5	53.7	54.8	55.2	55.5	55.5
GE 20000	40.4	42.1	44.6	46.0	48.2	48.5	50.2	51.2	51.3	53.4	54.2	54.4	55.6	56.0	56.3	56.3
GE 18000	40.9	42.6	45.1	46.4	48.7	49.0	50.7	51.7	51.8	53.8	54.6	54.8	56.1	56.4	56.7	56.7
GE 16000	41.1	42.8	45.3	46.6	48.9	49.2	50.9	51.9	52.0	54.0	54.8	55.1	56.3	56.6	57.0	57.0
GE 14000	41.7	43.4	45.8	47.2	49.6	49.9	51.6	52.6	52.7	54.7	55.5	55.7	57.0	57.3	57.6	57.6
GE 12000	42.6	44.3	46.9	48.2	50.6	50.9	52.6	53.6	53.7	55.7	56.5	56.7	58.0	58.3	58.7	58.7
GE 10000	43.9	45.6	48.3	49.8	52.2	52.6	54.3	55.3	55.4	57.4	58.2	58.4	59.7	60.0	60.3	60.3
GE 9000	44.4	46.1	48.8	50.2	52.9	53.3	54.9	56.0	56.1	58.1	58.9	59.1	60.3	60.7	61.0	61.0
GE 8000	45.8	47.5	50.2	52.1	54.9	55.3	57.0	58.3	58.4	60.4	61.2	61.5	62.9	63.3	63.6	63.6
GE 7000	46.4	48.1	50.8	52.7	55.5	55.8	57.5	58.9	59.0	61.0	61.8	62.0	63.5	63.8	64.2	64.2
GE 6000	48.8	50.7	53.6	55.6	58.5	59.0	60.7	62.0	62.2	64.3	65.1	65.3	66.7	67.2	67.8	67.8
GE 5000	50.6	52.7	55.7	57.8	60.7	61.1	62.9	64.3	64.5	66.5	67.4	67.6	69.2	69.9	70.6	70.6
GE 4500	50.9	53.0	56.2	58.2	61.1	61.6	63.4	64.8	65.1	67.2	68.1	68.3	69.9	70.6	71.2	71.2
GE 4000	52.5	54.6	57.8	59.8	62.8	63.3	65.1	66.5	66.7	68.9	69.8	70.0	71.6	72.2	72.9	72.9
GE 3500	52.9	55.2	58.3	60.4	63.7	64.2	66.0	67.4	67.6	69.8	70.7	70.9	72.5	73.1	73.8	73.8
GE 3000	54.4	56.9	60.0	62.1	66.2	66.6	68.7	70.2	70.4	72.6	73.6	73.8	75.4	76.2	76.9	76.9
GE 2500	55.2	57.6	60.8	62.9	67.0	67.5	69.6	71.1	71.3	73.5	74.5	74.7	76.3	77.1	77.8	77.8
GE 2000	57.5	60.4	63.9	66.2	70.4	71.0	73.1	74.7	74.9	77.1	78.1	78.3	79.9	80.7	81.3	81.3
GE 1800	58.1	61.5	65.1	67.3	71.6	72.1	74.3	75.8	76.1	78.4	79.6	79.8	81.3	82.1	82.8	82.8
GE 1500	60.4	63.9	67.9	70.2	74.7	75.3	77.6	79.2	79.4	82.2	83.4	83.6	85.5	86.3	87.0	87.0
GE 1200	61.8	65.5	70.1	72.6	77.4	78.0	80.4	82.0	82.2	85.3	86.4	86.6	88.5	89.4	90.1	90.1
GE 1000	63.7	67.8	72.5	74.9	80.1	80.8	83.4	85.4	85.6	88.7	89.9	90.1	92.0	92.9	93.6	93.6
GE 900	64.0	68.2	72.9	75.4	80.6	81.2	83.8	85.8	86.1	89.1	90.3	90.6	92.5	93.4	94.0	94.0
GE 800	64.4	68.5	73.3	75.7	81.2	81.9	84.5	86.7	87.0	90.0	91.2	91.5	93.4	94.3	94.9	94.9
GE 700	64.6	68.8	73.6	76.1	81.6	82.2	84.9	87.2	87.4	90.4	91.8	92.0	93.9	94.8	95.5	95.5
GE 600	64.8	69.0	73.8	76.4	82.0	82.7	85.6	88.1	88.3	91.5	92.8	93.0	95.1	96.0	96.6	96.6
GE 500	65.2	69.3	74.3	77.0	82.6	83.3	86.2	88.8	89.0	92.1	93.6	93.8	95.8	96.7	97.4	97.4
GE 400	65.3	69.4	74.5	77.2	83.1	83.8	86.9	89.4	89.7	92.9	94.4	94.6	96.6	97.8	98.5	98.5
GE 300	65.3	69.4	74.5	77.2	83.1	83.8	86.9	89.4	89.7	93.0	94.8	95.1	97.2	98.5	99.7	99.7
GE 200	65.3	69.4	74.5	77.2	83.1	83.8	86.9	89.4	89.7	93.0	94.8	95.1	97.2	98.8	99.9	99.9
GE 100	65.3	69.4	74.5	77.2	83.1	83.8	86.9	89.4	89.7	93.0	94.8	95.1	97.2	98.8	100.0	100.0
GE 000	65.3	69.4	74.5	77.2	83.1	83.8	86.9	89.4	89.7	93.0	94.8	95.1	97.2	98.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 890

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.8	41.5	43.8	44.9	47.1	47.1	48.2	49.7	49.8	52.2	52.3	52.6	53.5	53.5	53.9	54.0
GE 20000	39.4	42.1	44.5	45.6	47.8	47.8	49.0	50.5	50.7	53.1	53.2	53.6	54.4	54.6	55.1	55.2
GE 18000	39.5	42.2	44.6	45.7	47.9	47.9	49.1	50.6	50.8	53.2	53.3	53.7	54.5	54.7	55.2	55.3
GE 16000	39.7	42.4	44.8	46.0	48.2	48.2	49.3	50.8	51.0	53.5	53.6	53.9	54.7	55.0	55.4	55.5
GE 14000	40.0	42.6	45.2	46.3	48.5	48.5	49.7	51.2	51.5	54.1	54.3	54.6	55.4	55.6	56.1	56.2
GE 12000	41.2	43.9	46.4	47.6	49.8	49.8	50.9	52.4	52.8	55.4	55.5	55.9	56.7	56.9	57.4	57.5
GE 10000	42.9	45.5	48.0	49.2	51.5	51.5	52.6	54.1	54.5	57.1	57.3	57.6	58.4	58.6	59.1	59.2
GE 9000	43.4	46.1	48.7	49.9	52.2	52.2	53.3	54.8	55.2	57.8	57.9	58.3	59.1	59.3	59.8	59.9
GE 8000	45.6	48.4	51.0	52.4	55.3	55.4	56.7	58.5	58.9	61.5	61.6	62.0	62.8	63.0	63.6	63.7
GE 7000	46.7	49.5	52.3	53.8	56.7	56.8	58.1	59.9	60.3	62.9	63.0	63.4	64.2	64.4	65.0	65.1
GE 6000	48.8	52.1	55.4	56.9	59.8	60.0	61.3	63.1	63.5	66.1	66.2	66.6	67.4	67.7	68.3	68.5
GE 5000	51.8	55.2	58.5	60.0	63.0	63.2	64.5	66.4	66.7	69.4	69.5	69.8	70.6	71.1	71.8	72.0
GE 4500	52.2	55.5	58.9	60.4	63.4	63.6	64.9	66.7	67.1	69.7	69.8	70.2	71.0	71.4	72.1	72.4
GE 4000	54.6	57.9	61.3	62.8	65.8	66.0	67.3	69.1	69.5	72.1	72.2	72.6	73.4	73.8	74.5	74.8
GE 3500	55.0	58.3	61.6	63.1	66.1	66.4	67.6	69.5	69.8	72.5	72.6	72.9	73.7	74.2	74.9	75.1
GE 3000	56.2	59.6	63.0	64.6	68.2	68.4	69.8	71.9	72.2	75.0	75.2	75.6	76.4	76.8	77.5	77.8
GE 2500	57.1	60.6	64.1	65.8	69.5	69.7	71.1	73.2	73.5	76.3	76.5	76.8	77.6	78.1	78.8	79.0
GE 2000	58.6	62.6	66.1	68.0	72.0	72.5	74.4	76.5	76.8	79.6	80.0	80.3	81.1	81.6	82.3	82.5
GE 1800	59.2	63.2	66.9	68.8	72.8	73.3	75.3	77.4	77.8	80.6	81.0	81.3	82.1	82.6	83.3	83.5
GE 1500	60.1	64.2	68.7	70.7	75.0	75.5	77.6	80.0	80.3	83.3	83.9	84.2	85.0	85.5	86.2	86.4
GE 1200	61.8	65.8	70.9	73.0	77.3	77.8	80.2	82.6	82.9	86.2	86.8	87.1	87.9	88.4	89.1	89.3
GE 1000	63.5	67.5	73.3	76.5	81.2	81.8	84.2	86.6	87.0	90.2	90.8	91.1	91.9	92.4	93.1	93.3
GE 900	63.5	67.5	73.3	76.6	81.3	81.9	84.3	86.9	87.2	90.4	91.0	91.4	92.2	92.6	93.3	93.5
GE 800	63.9	68.0	73.7	77.1	81.9	82.5	85.0	87.7	88.0	91.5	92.2	92.5	93.3	93.8	94.5	94.7
GE 700	64.4	68.5	74.4	77.8	82.6	83.2	85.7	88.5	88.9	92.4	93.1	93.4	94.2	94.7	95.4	95.6
GE 600	64.6	68.8	74.7	78.1	83.1	83.6	86.5	89.4	89.9	93.3	94.1	94.5	95.4	95.9	96.5	96.8
GE 500	65.1	69.2	75.1	78.9	83.9	84.4	87.3	90.2	90.7	94.1	94.9	95.3	96.2	96.8	97.5	97.7
GE 400	65.1	69.2	75.3	79.1	84.2	84.8	87.8	90.9	91.4	94.9	95.7	96.1	97.0	97.6	98.3	98.5
GE 300	65.1	69.2	75.3	79.1	84.2	84.8	87.8	90.9	91.4	95.0	96.0	96.3	97.4	97.9	98.6	98.8
GE 200	65.6	69.7	75.8	79.6	84.7	85.3	88.2	91.5	91.9	95.7	96.8	97.1	98.3	99.1	99.8	100.0
GE 100	65.6	69.7	75.8	79.6	84.7	85.3	88.2	91.5	91.9	95.7	96.8	97.1	98.3	99.1	99.8	100.0
GE 000	65.6	69.7	75.8	79.6	84.7	85.3	88.2	91.5	91.9	95.7	96.8	97.1	98.3	99.1	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 868

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.5	43.5	47.1	48.7	50.9	51.1	51.9	53.1	53.7	54.5	55.0	55.0	55.6	55.6	55.7	55.9
GE 20000	42.0	44.1	47.6	49.2	51.6	51.8	52.6	53.8	54.4	55.2	55.7	55.7	56.3	56.3	56.4	56.6
GE 18000	42.0	44.1	47.6	49.2	51.7	51.9	52.7	53.9	54.5	55.3	55.8	55.8	56.4	56.4	56.5	56.7
GE 16000	42.3	44.3	47.9	49.4	51.9	52.1	52.9	54.1	54.7	55.5	56.1	56.1	56.6	56.6	56.7	57.0
GE 14000	42.5	44.5	48.1	49.7	52.1	52.6	53.4	54.6	55.2	55.9	56.5	56.5	57.1	57.1	57.2	57.4
GE 12000	43.2	45.2	48.8	50.4	52.9	53.4	54.1	55.4	55.9	56.7	57.3	57.3	57.8	57.8	58.0	58.2
GE 10000	44.4	46.5	50.1	51.8	54.3	54.7	55.5	56.7	57.3	58.1	58.6	58.6	59.2	59.2	59.3	59.5
GE 9000	45.1	47.2	50.8	52.5	55.0	55.5	56.3	57.5	58.1	58.9	59.4	59.4	60.0	60.0	60.1	60.3
GE 8000	47.9	50.1	54.0	55.7	58.5	59.0	59.9	61.2	61.8	62.7	63.2	63.2	63.8	63.8	63.9	64.1
GE 7000	48.7	50.9	54.8	56.5	59.3	59.9	60.8	62.1	62.7	63.6	64.3	64.3	64.9	64.9	65.0	65.2
GE 6000	49.9	52.1	56.1	57.7	60.5	61.1	62.0	63.3	63.9	64.8	65.6	65.6	66.1	66.1	66.3	66.5
GE 5000	52.9	55.3	59.3	61.1	63.9	64.5	65.4	66.7	67.3	68.2	68.9	68.9	69.5	69.5	69.6	69.8
GE 4500	53.1	55.5	59.5	61.3	64.1	64.7	65.6	66.9	67.5	68.4	69.2	69.2	69.7	69.7	69.8	70.1
GE 4000	55.0	57.4	61.4	63.2	66.0	66.6	67.5	68.8	69.4	70.3	71.1	71.1	71.6	71.6	71.7	72.0
GE 3500	55.4	57.7	61.9	63.7	66.5	67.0	67.9	69.3	69.8	70.7	71.5	71.5	72.1	72.1	72.2	72.4
GE 3000	56.7	59.3	63.6	65.4	68.2	68.7	69.6	71.0	71.5	72.4	73.2	73.2	73.8	73.8	73.9	74.1
GE 2500	57.7	60.8	65.1	66.9	69.7	70.3	71.2	72.5	73.1	74.0	74.8	74.8	75.3	75.3	75.4	75.7
GE 2000	59.3	62.7	68.2	70.0	73.4	74.0	75.4	76.9	77.5	78.4	79.1	79.1	79.7	79.7	79.8	80.0
GE 1800	60.2	63.6	69.1	70.9	74.3	74.9	76.3	77.8	78.4	79.3	80.0	80.0	80.6	80.6	80.7	80.9
GE 1500	61.8	65.1	71.0	73.0	76.8	77.4	78.8	80.4	80.9	82.2	83.1	83.1	83.6	83.6	83.7	84.0
GE 1200	62.6	65.9	72.4	74.8	79.0	79.7	81.3	82.8	83.4	85.0	85.9	85.9	86.4	86.4	86.5	86.8
GE 1000	64.8	68.3	75.7	78.7	83.6	84.3	86.2	87.8	88.3	90.0	90.9	90.9	91.7	91.7	91.8	92.0
GE 900	64.8	68.3	75.7	78.7	83.6	84.3	86.2	87.8	88.3	90.0	91.1	91.1	91.9	91.9	92.0	92.3
GE 800	65.2	68.7	76.2	79.3	84.2	84.9	86.8	88.3	88.9	90.8	92.2	92.2	92.9	93.0	93.2	93.4
GE 700	66.1	69.6	77.1	80.2	85.1	85.8	87.8	89.5	90.0	91.9	93.3	93.3	94.1	94.2	94.3	94.5
GE 600	66.3	69.7	77.4	80.5	85.5	86.2	88.5	90.1	90.7	92.6	94.3	94.3	95.1	95.2	95.3	95.5
GE 500	67.2	70.6	78.5	81.8	86.9	87.7	90.0	91.7	92.5	94.4	96.2	96.2	97.2	97.4	97.5	97.8
GE 400	67.7	71.2	79.0	82.4	87.4	88.2	90.6	92.3	93.0	95.0	96.7	96.7	97.8	98.0	98.1	98.3
GE 300	67.7	71.2	79.0	82.4	87.4	88.2	90.6	92.4	93.3	95.4	97.3	97.3	98.3	98.5	98.7	98.9
GE 200	68.0	71.5	79.5	82.8	87.9	88.7	91.1	92.9	93.8	96.0	98.0	98.0	99.0	99.3	99.4	99.7
GE 100	68.0	71.5	79.5	82.8	87.9	88.7	91.1	92.9	93.8	96.0	98.1	98.1	99.2	99.6	99.7	99.9
GE 000	68.0	71.5	79.5	82.8	87.9	88.7	91.1	92.9	93.8	96.0	98.1	98.1	99.2	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 892

D - 2 - 106

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.9	43.9	47.4	50.3	53.1	53.9	55.0	56.2	56.7	57.2	57.6	57.6	58.1	58.5	58.6	59.0
GE 20000	43.2	44.2	47.7	50.6	53.4	54.2	55.3	56.6	57.0	57.6	57.9	57.9	58.5	58.8	58.9	59.4
GE 18000	43.2	44.2	47.7	50.6	53.4	54.2	55.3	56.6	57.0	57.6	57.9	57.9	58.5	58.8	58.9	59.4
GE 16000	43.2	44.2	47.7	50.6	53.4	54.2	55.3	56.6	57.0	57.6	57.9	57.9	58.5	58.8	58.9	59.4
GE 14000	43.2	44.2	47.7	50.6	53.4	54.2	55.5	56.8	57.2	57.8	58.1	58.1	58.7	59.0	59.1	59.6
GE 12000	43.8	44.8	48.4	51.3	54.1	54.9	56.2	57.4	57.9	58.5	58.8	58.8	59.4	59.7	59.8	60.2
GE 10000	44.8	45.8	49.4	52.3	55.1	55.9	57.2	58.5	58.9	59.5	59.8	59.8	60.4	60.7	60.8	61.3
GE 9000	45.6	46.8	50.6	53.5	56.3	57.1	58.5	59.7	60.1	60.7	61.0	61.0	61.6	61.9	62.0	62.5
GE 8000	46.9	48.3	52.2	55.2	58.0	58.8	60.1	61.4	61.8	62.4	62.7	62.7	63.3	63.6	63.7	64.2
GE 7000	47.6	48.9	53.0	56.2	59.0	59.8	61.1	62.4	62.8	63.4	63.7	63.7	64.5	64.8	64.9	65.4
GE 6000	49.8	51.3	55.3	58.6	61.4	62.2	63.5	64.7	65.2	65.7	66.1	66.1	66.9	67.2	67.3	67.7
GE 5000	52.0	53.5	57.6	60.8	63.7	64.5	66.0	67.2	67.6	68.2	68.5	68.5	69.3	69.7	69.8	70.2
GE 4500	52.3	53.9	57.9	61.1	64.3	65.1	66.9	68.1	68.5	69.2	69.5	69.5	70.3	70.7	70.8	71.2
GE 4000	54.3	55.9	59.9	63.2	66.4	67.2	69.0	70.2	70.7	71.3	71.7	71.7	72.5	72.8	72.9	73.3
GE 3500	54.9	56.4	60.5	63.7	67.0	67.7	69.5	70.8	71.2	71.9	72.2	72.2	73.0	73.3	73.5	73.9
GE 3000	56.1	57.7	61.7	65.1	68.3	69.1	70.9	72.1	72.6	73.2	73.6	73.6	74.4	74.7	74.8	75.3
GE 2500	57.1	58.9	63.0	66.4	69.7	70.4	72.2	73.5	73.9	74.6	74.9	74.9	75.7	76.0	76.1	76.6
GE 2000	58.7	60.7	65.2	68.6	72.1	72.9	75.3	76.5	76.9	77.7	78.1	78.1	78.8	79.2	79.3	79.7
GE 1800	59.8	61.8	66.3	69.8	73.2	74.0	76.4	77.6	78.1	78.8	79.2	79.2	80.0	80.3	80.4	80.9
GE 1500	61.6	63.7	68.6	72.3	76.0	76.9	79.3	80.6	81.2	82.3	82.8	82.8	83.5	83.9	84.0	84.4
GE 1200	63.2	65.4	70.5	74.6	78.7	79.6	82.3	84.1	84.7	85.8	86.3	86.3	87.1	87.5	87.6	88.0
GE 1000	64.9	67.2	72.5	76.9	81.6	82.6	85.3	87.2	87.8	89.1	89.7	89.7	90.5	90.8	90.9	91.4
GE 900	65.1	67.4	72.8	77.3	82.0	83.0	85.7	87.6	88.1	89.5	90.0	90.0	90.8	91.2	91.3	91.7
GE 800	65.3	67.6	73.2	77.7	82.5	83.5	86.3	88.2	88.8	90.1	90.9	90.9	91.9	92.3	92.4	92.8
GE 700	65.6	68.0	73.6	78.1	82.9	83.9	86.7	88.6	89.1	90.5	91.3	91.3	92.3	92.6	92.7	93.2
GE 600	66.2	68.6	74.2	78.7	83.5	84.5	87.3	89.2	89.8	91.2	92.3	92.3	93.3	93.6	93.7	94.2
GE 500	67.0	69.7	75.3	79.7	84.5	85.6	88.4	90.4	91.0	92.4	93.8	94.0	95.3	96.1	96.2	96.6
GE 400	67.5	70.2	75.9	80.5	85.3	86.3	89.2	91.3	91.9	93.4	95.1	95.2	96.5	97.3	97.5	98.0
GE 300	67.5	70.2	75.9	80.5	85.4	86.5	89.7	91.9	92.6	94.2	96.1	96.2	97.5	98.3	98.5	99.0
GE 200	67.5	70.2	75.9	80.5	85.4	86.5	89.7	91.9	92.6	94.3	96.2	96.3	97.6	98.4	98.8	99.2
GE 100	67.5	70.2	75.9	80.5	85.4	86.5	89.7	91.9	92.6	94.3	96.2	96.3	98.0	98.8	99.6	100.0
GE 000	67.5	70.2	75.9	80.5	85.4	86.5	89.7	91.9	92.6	94.3	96.2	96.3	98.0	98.8	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 893

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.3	45.9	49.1	50.6	53.1	53.4	54.6	55.6	55.8	56.8	57.3	57.4	58.2	58.4	58.7	58.9
GE 20000	44.7	46.4	49.5	51.1	53.6	53.8	55.1	56.0	56.3	57.3	57.8	57.9	58.7	58.9	59.3	59.4
GE 18000	44.9	46.6	49.7	51.3	53.8	54.0	55.3	56.2	56.5	57.5	58.0	58.1	58.9	59.1	59.5	59.6
GE 16000	45.0	46.7	49.9	51.4	53.9	54.2	55.4	56.4	56.6	57.7	58.1	58.2	59.0	59.3	59.6	59.8
GE 14000	45.3	47.0	50.2	51.7	54.2	54.5	55.8	56.8	57.0	58.1	58.5	58.6	59.4	59.7	60.0	60.2
GE 12000	46.0	47.7	50.9	52.5	55.0	55.3	56.5	57.5	57.8	58.8	59.3	59.4	60.2	60.4	60.8	61.0
GE 10000	47.3	49.1	52.3	53.9	56.4	56.7	58.0	58.9	59.2	60.3	60.7	60.8	61.6	61.9	62.2	62.4
GE 9000	47.9	49.7	53.0	54.6	57.2	57.4	58.7	59.7	59.9	61.0	61.4	61.6	62.4	62.6	62.9	63.1
GE 8000	49.3	51.1	54.4	56.1	58.9	59.2	60.5	61.6	61.8	62.9	63.4	63.5	64.3	64.6	64.9	65.1
GE 7000	50.1	51.9	55.4	57.1	59.9	60.2	61.6	62.6	62.9	64.0	64.5	64.6	65.4	65.7	66.0	66.2
GE 6000	51.8	53.7	57.3	59.0	61.9	62.2	63.6	64.7	65.0	66.1	66.5	66.6	67.5	67.8	68.2	68.4
GE 5000	53.9	55.9	59.7	61.5	64.4	64.8	66.3	67.4	67.6	68.7	69.2	69.3	70.2	70.5	70.9	71.1
GE 4500	54.1	56.2	60.0	61.8	64.8	65.1	66.7	67.8	68.1	69.2	69.7	69.8	70.7	71.1	71.5	71.7
GE 4000	55.8	57.9	61.8	63.7	66.7	67.0	68.7	69.8	70.0	71.2	71.7	71.8	72.7	73.0	73.4	73.6
GE 3500	56.2	58.4	62.3	64.2	67.3	67.7	69.3	70.4	70.7	71.8	72.3	72.4	73.3	73.6	74.0	74.2
GE 3000	57.3	59.6	63.7	65.8	69.2	69.5	71.3	72.5	72.7	73.9	74.4	74.5	75.4	75.8	76.2	76.4
GE 2500	58.3	60.7	64.9	67.1	70.5	70.8	72.6	73.8	74.0	75.2	75.7	75.9	76.7	77.1	77.5	77.7
GE 2000	60.9	63.5	68.2	70.4	74.1	74.5	76.5	77.8	78.0	79.2	79.8	79.9	80.8	81.1	81.5	81.7
GE 1800	61.6	64.3	69.0	71.3	75.0	75.4	77.4	78.7	78.9	80.2	80.7	80.8	81.7	82.1	82.5	82.7
GE 1500	63.2	66.1	71.2	73.6	77.7	78.1	80.2	81.6	81.9	83.5	84.1	84.2	85.1	85.5	85.9	86.1
GE 1200	64.6	67.5	73.0	75.7	80.0	80.4	82.7	84.3	84.6	86.2	86.9	87.0	87.9	88.3	88.7	88.9
GE 1000	66.2	69.3	75.1	78.1	82.9	83.4	85.8	87.5	87.9	89.6	90.3	90.4	91.4	91.8	92.2	92.4
GE 900	66.3	69.5	75.3	78.3	83.1	83.6	86.1	87.8	88.1	89.9	90.6	90.7	91.7	92.0	92.4	92.6
GE 800	66.7	69.9	75.8	78.8	83.8	84.3	86.8	88.6	89.0	90.8	91.6	91.7	92.8	93.2	93.6	93.8
GE 700	67.1	70.4	76.4	79.4	84.3	84.9	87.4	89.3	89.7	91.5	92.3	92.5	93.6	94.0	94.4	94.6
GE 600	67.5	70.7	76.7	79.8	84.8	85.4	88.0	89.9	90.3	92.2	93.1	93.3	94.4	94.8	95.2	95.4
GE 500	67.9	71.2	77.3	80.5	85.6	86.1	88.8	90.8	91.3	93.2	94.3	94.5	95.7	96.4	96.8	97.0
GE 400	68.1	71.5	77.6	80.8	86.0	86.5	89.3	91.3	91.8	93.8	95.0	95.1	96.5	97.4	97.9	98.1
GE 300	68.2	71.6	77.7	80.9	86.1	86.7	89.6	91.6	92.1	94.2	95.5	95.7	97.2	98.1	98.7	99.0
GE 200	68.4	71.7	77.9	81.2	86.3	86.9	89.8	91.9	92.4	94.5	95.9	96.1	97.7	98.8	99.4	99.7
GE 100	68.4	71.7	77.9	81.2	86.3	86.9	89.8	91.9	92.4	94.5	95.9	96.2	97.9	98.9	99.7	100.0
GE 000	68.4	71.7	77.9	81.2	86.3	86.9	89.8	91.9	92.4	94.5	95.9	96.2	97.9	98.9	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7076

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.9	35.7	37.4	38.4	40.2	40.3	41.3	42.0	42.2	43.2	43.8	43.8	44.6	44.9	45.2	45.4
GE 20000	35.8	36.7	38.4	39.4	41.2	41.3	42.4	43.1	43.3	44.3	44.9	44.9	45.7	46.1	46.3	46.5
GE 18000	36.2	37.0	38.7	39.7	41.5	41.7	42.7	43.4	43.6	44.6	45.2	45.3	46.1	46.4	46.7	46.9
GE 16000	36.3	37.1	38.8	39.8	41.6	41.8	42.8	43.5	43.8	44.7	45.3	45.4	46.2	46.5	46.8	47.0
GE 14000	36.8	37.7	39.4	40.4	42.2	42.4	43.4	44.2	44.4	45.4	46.0	46.0	46.8	47.2	47.5	47.6
GE 12000	37.6	38.5	40.2	41.2	43.1	43.2	44.3	45.0	45.2	46.2	46.8	46.9	47.7	48.0	48.3	48.5
GE 10000	39.2	40.1	41.9	42.9	44.9	45.0	46.1	46.8	47.1	48.1	48.7	48.8	49.6	50.0	50.2	50.4
GE 9000	39.9	40.8	42.6	43.7	45.6	45.8	46.9	47.6	47.8	48.9	49.5	49.5	50.4	50.7	51.0	51.2
GE 8000	41.8	42.8	44.7	45.8	47.8	47.9	49.0	49.8	50.1	51.1	51.7	51.8	52.7	53.0	53.3	53.5
GE 7000	43.0	44.0	45.9	47.0	49.0	49.2	50.3	51.1	51.4	52.4	53.1	53.1	54.0	54.4	54.7	54.8
GE 6000	44.7	45.8	47.8	48.9	51.0	51.1	52.3	53.1	53.4	54.5	55.1	55.2	56.1	56.4	56.8	56.9
GE 5000	46.5	47.5	49.7	50.9	53.0	53.1	54.4	55.2	55.5	56.6	57.3	57.3	58.2	58.6	58.9	59.1
GE 4500	46.7	47.8	50.0	51.2	53.3	53.5	54.7	55.6	55.8	56.9	57.6	57.7	58.6	59.0	59.3	59.5
GE 4000	48.0	49.1	51.3	52.6	54.8	54.9	56.2	57.1	57.3	58.4	59.1	59.2	60.1	60.5	60.8	61.0
GE 3500	48.5	49.7	51.9	53.2	55.4	55.6	56.9	57.7	58.0	59.1	59.8	59.9	60.8	61.2	61.5	61.7
GE 3000	50.0	51.2	53.6	55.0	57.3	57.5	58.8	59.8	60.0	61.1	61.8	61.9	62.8	63.2	63.6	63.7
GE 2500	51.0	52.3	54.7	56.1	58.6	58.7	60.2	61.1	61.3	62.5	63.2	63.2	64.2	64.6	64.9	65.1
GE 2000	52.9	54.3	57.0	58.5	61.2	61.4	62.9	63.9	64.2	65.4	66.1	66.1	67.1	67.5	67.8	68.0
GE 1800	53.4	54.8	57.6	59.1	61.8	62.0	63.6	64.6	64.8	66.0	66.7	66.8	67.8	68.2	68.5	68.7
GE 1500	55.6	57.1	60.2	61.9	64.9	65.1	66.9	68.0	68.3	69.6	70.4	70.4	71.4	71.9	72.2	72.4
GE 1200	57.6	59.2	62.6	64.4	67.6	67.9	69.8	70.9	71.2	72.6	73.4	73.5	74.5	74.9	75.3	75.5
GE 1000	60.9	62.7	66.5	68.7	72.4	72.7	74.9	76.2	76.6	78.1	79.0	79.0	80.2	80.7	81.0	81.2
GE 900	61.1	62.9	66.8	68.9	72.7	73.0	75.2	76.6	76.9	78.4	79.3	79.4	80.6	81.0	81.4	81.6
GE 800	62.1	64.0	68.0	70.2	74.1	74.4	76.8	78.2	78.6	80.2	81.2	81.3	82.5	82.9	83.3	83.5
GE 700	63.1	65.0	69.1	71.5	75.5	75.9	78.4	79.9	80.3	82.0	83.0	83.1	84.3	84.8	85.2	85.4
GE 600	64.3	66.3	70.6	73.0	77.2	77.6	80.2	81.9	82.3	84.1	85.1	85.2	86.5	87.0	87.4	87.6
GE 500	65.7	67.8	72.5	75.1	79.6	80.1	83.0	84.8	85.3	87.3	88.5	88.6	90.0	90.6	91.0	91.2
GE 400	66.5	68.7	73.6	76.4	81.1	81.6	84.8	86.7	87.3	89.4	90.7	90.8	92.4	93.0	93.5	93.7
GE 300	67.0	69.3	74.4	77.2	82.3	82.7	86.3	88.4	89.0	91.5	93.0	93.1	94.9	95.7	96.3	96.6
GE 200	67.1	69.4	74.5	77.4	82.5	83.0	86.7	88.9	89.6	92.4	94.1	94.3	96.5	97.5	98.5	99.0
GE 100	67.1	69.4	74.5	77.4	82.5	83.0	86.7	89.0	89.6	92.4	94.2	94.4	96.8	97.9	99.0	99.8
GE 000	67.1	69.4	74.5	77.4	82.5	83.0	86.7	89.0	89.6	92.4	94.3	94.4	96.8	97.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 83237

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	44.8	13.1	10.1	26.1	5.9	42.1	21.8	878
03-05	47.4	11.6	9.8	25.3	6.0	41.0	23.1	887
06-08	45.5	16.2	8.1	23.6	6.6	38.3	22.5	890
09-11	34.8	18.8	13.6	26.5	6.3	46.4	22.9	873
12-14	29.9	18.6	15.0	28.8	7.7	51.5	23.8	881
15-17	29.4	20.5	15.2	27.4	7.5	50.2	24.5	879
18-20	33.4	20.4	13.5	26.3	6.3	46.1	22.4	882
21-23	40.7	16.0	9.1	29.7	4.4	43.2	21.6	881
ALL HOURS	38.2	16.9	11.8	26.7	6.4	44.9	22.8	7051

MONTH: FEB HOURS: ALL

00-02	43.1	12.4	11.9	28.0	4.6	44.5	19.2	807
03-05	43.6	11.8	11.4	28.2	5.0	44.7	18.8	815
06-08	37.8	14.5	15.9	24.6	7.1	47.7	21.3	812
09-11	21.4	22.3	22.9	26.2	7.3	56.3	26.3	799
12-14	20.9	22.8	21.0	28.3	7.0	56.3	26.2	813
15-17	22.2	21.7	20.4	28.5	7.2	56.0	24.6	810
18-20	23.5	24.5	19.1	28.3	4.7	52.0	22.6	792
21-23	34.6	19.7	14.3	27.9	3.6	45.8	20.8	804
ALL HOURS	30.9	18.7	17.1	27.5	5.8	50.4	22.5	6452

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	50.9	15.9	8.1	22.1	3.0	33.2	10.3	874
03-05	50.8	14.7	8.4	22.6	3.5	34.5	11.9	891
06-08	36.8	20.8	14.7	24.2	3.6	42.4	15.7	894
09-11	36.7	20.3	17.1	22.9	3.0	43.0	20.2	900
12-14	39.7	20.2	16.1	21.5	2.5	40.1	17.6	892
15-17	39.0	18.6	17.6	20.9	4.0	42.4	15.6	900
18-20	36.0	18.8	17.7	23.6	3.8	45.2	13.9	885
21-23	41.5	20.4	13.7	22.0	2.5	38.1	11.1	879
ALL HOURS	41.4	18.7	14.2	22.5	3.2	39.9	14.6	7115

MONTH: APR HOURS: ALL

00-02	34.7	16.3	11.3	33.2	4.5	49.0	8.7	847
03-05	26.5	17.8	15.3	34.2	6.2	55.7	9.9	860
06-08	22.1	16.8	18.8	35.7	6.7	61.1	15.7	869
09-11	22.8	15.8	20.5	32.6	8.3	61.4	17.1	865
12-14	26.3	18.5	19.9	29.2	6.2	55.2	14.4	871
15-17	27.7	21.5	18.2	27.1	5.6	50.8	12.4	864
18-20	27.0	18.6	19.7	29.0	5.6	54.4	9.9	871
21-23	27.7	18.8	18.2	29.7	5.7	53.6	7.5	864
ALL HOURS	26.8	18.0	17.8	31.3	6.1	55.2	12.0	6911

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		TOTAL OBSCURATION	G.I 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST					
00-02	13.8	10.2	13.5	52.7		9.8	76.1	17.2	886
03-05	13.1	9.5	12.4	50.6		14.4	77.4	16.4	885
06-08	11.1	8.5	13.4	54.8		12.2	80.4	16.8	897
09-11	9.2	10.9	17.6	54.0		8.3	79.9	14.4	880
12-14	10.3	9.6	20.7	54.1		5.3	80.1	9.5	884
15-17	11.2	10.5	16.7	57.6		4.0	78.3	7.3	898
18-20	14.2	9.7	15.0	56.5		4.7	76.1	8.6	896
21-23	13.5	11.8	13.1	54.4		7.2	74.7	9.7	891
ALL HOURS	12.1	10.1	15.3	54.3		8.2	77.9	12.5	7117

MONTH: JUN HOURS: ALL

00-02	6.9	17.5	18.0	41.6		15.9	75.6	5.8	855
03-05	7.1	15.0	17.5	46.2		14.2	77.9	10.6	851
06-08	7.3	16.5	13.7	49.0		13.4	76.1	8.8	859
09-11	8.6	16.9	17.8	51.9		4.9	74.5	5.7	860
12-14	9.2	21.8	22.1	44.8		2.1	69.1	2.5	850
15-17	9.2	23.1	24.3	41.2		2.2	67.7	1.4	857
18-20	7.9	22.4	25.6	39.8		4.3	69.7	1.2	857
21-23	7.6	21.2	22.1	40.1		9.0	71.2	2.8	851
ALL HOURS	8.0	19.3	20.1	44.3		8.3	72.7	4.9	6840

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	9.6	14.3	21.9	36.3	17.9	76.1	4.0	884
03-05	7.8	13.0	21.8	36.9	20.5	79.2	5.9	877
06-08	7.9	12.8	20.4	42.3	16.4	79.2	5.9	395
09-11	9.4	14.1	24.4	44.3	7.9	76.6	3.4	887
12-14	10.4	17.3	31.5	39.2	1.6	72.3	1.6	875
15-17	11.1	23.5	27.6	36.5	1.2	65.4	.8	884
18-20	12.3	22.3	23.2	39.1	3.1	65.4	3.5	879
21-23	11.6	17.1	22.0	40.3	9.0	71.3	3.1	890
ALL HOURS	10.0	16.8	24.1	39.4	9.7	73.2	3.5	7071

MONTH: AUG HOURS: ALL

00-02	6.9	10.2	12.0	53.1	17.8	83.0	4.2	875
03-05	4.9	9.7	13.9	52.8	18.7	85.4	6.6	883
06-08	3.1	7.3	17.5	54.9	17.2	89.6	6.9	873
09-11	3.0	6.0	18.7	61.4	10.9	91.0	5.3	871
12-14	4.3	9.4	21.9	57.6	6.7	86.3	3.7	889
15-17	4.2	13.3	23.3	53.4	5.8	82.5	2.2	875
18-20	5.2	13.8	22.2	50.3	8.6	81.1	4.6	893
21-23	6.0	13.1	13.6	52.3	15.0	80.9	3.7	865
ALL HOURS	4.7	10.4	17.9	54.5	12.6	85.0	4.6	7024

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
00-02	6.1	11.8	13.6	56.8	11.7	82.0	6.3	863
03-05	6.2	10.4	14.0	55.8	13.5	83.4	5.7	849
06-08	2.2	10.5	13.5	58.3	15.5	87.3	10.2	873
09-11	2.0	9.0	18.2	57.7	13.2	89.1	9.9	859
12-14	3.6	8.4	18.8	59.2	10.0	87.9	7.0	853
15-17	4.7	10.1	16.8	57.8	10.5	85.1	7.3	868
18-20	4.5	11.3	16.0	55.6	12.6	84.2	7.8	868
21-23	4.9	10.1	13.2	59.6	12.2	85.0	5.8	872
ALL HOURS	4.3	10.2	15.5	57.6	12.4	85.5	7.5	6905

MONTH: OCT HOURS: ALL

00-02	12.1	11.3	10.1	57.1	9.3	76.5	9.8	891
03-05	12.8	12.1	10.9	56.2	8.0	75.2	9.5	886
06-08	9.8	13.2	10.4	58.1	8.5	77.0	14.1	895
09-11	6.3	11.7	14.3	56.9	10.8	82.0	18.1	877
12-14	7.3	11.9	18.7	55.0	7.2	80.9	19.9	893
15-17	6.7	11.9	18.3	53.9	9.2	81.4	16.6	894
18-20	7.1	11.9	12.6	58.3	10.0	80.9	14.3	897
21-23	11.2	11.3	10.5	59.0	8.0	77.5	11.1	885
ALL HOURS	9.2	11.9	13.2	56.8	8.9	78.9	14.2	7118

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	35.4	13.4	12.7	31.4	7.1	51.2	12.7	848
03-05	34.5	13.6	14.2	32.1	5.7	51.9	14.6	847
06-08	33.3	13.1	14.3	32.4	6.9	53.6	16.3	845
09-11	21.2	21.2	15.0	34.0	8.7	57.6	18.4	854
12-14	19.5	21.5	18.3	32.4	8.3	59.0	19.4	852
15-17	20.8	19.7	18.7	32.9	7.9	59.5	19.1	849
18-20	24.1	18.6	15.9	34.2	7.2	57.2	12.6	849
21-23	31.2	17.7	11.7	32.9	6.5	51.2	12.1	860
ALL HOURS	27.5	17.4	15.1	32.8	7.3	55.2	15.7	6804

MONTH: DEC HOURS: ALL

00-02	36.2	15.1	11.2	31.5	6.1	48.7	12.1	887
03-05	37.5	15.5	10.5	30.2	6.2	47.0	11.1	885
06-08	37.9	14.4	11.3	30.6	5.9	47.7	12.6	887
09-11	29.2	15.8	19.5	29.6	5.9	55.1	13.5	881
12-14	23.4	19.0	16.7	36.4	4.5	57.6	17.1	893
15-17	24.1	19.1	17.6	35.2	4.0	56.8	16.7	869
18-20	30.1	14.4	15.5	34.5	5.5	55.5	12.3	896
21-23	33.8	12.0	14.2	32.9	7.2	54.3	13.9	894
ALL HOURS	31.5	15.7	14.6	32.6	5.7	52.8	13.6	7092

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: ALL HOURS: ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	24.9	13.4	12.9	39.3	9.5	61.7	11.0	10395
03-05	24.3	12.9	13.3	39.3	10.2	62.8	12.0	10416
06-08	21.1	13.7	14.3	40.8	10.0	65.1	13.9	10489
09-11	17.1	15.2	18.3	41.5	7.9	67.7	14.5	10406
12-14	17.1	16.5	20.0	40.6	5.7	66.4	13.5	10446
15-17	17.5	17.7	19.5	39.5	5.7	64.8	12.3	10447
18-20	18.7	17.1	18.0	39.8	6.4	64.1	11.1	10465
21-23	22.0	15.7	14.6	40.2	7.5	62.3	10.2	10436
ALL HOURS	20.3	15.3	16.4	40.1	7.9	64.4	12.3	83500

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PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	EEEEEE
PP	AAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

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PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, DEW POINT TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

$C = K - 273.0$ (BEFORE 5 APRIL 77)

$C = K - 273.2$ (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 700630

STATION NAME: DEADHORSE AK (OLIKTOK AK DATA)
LST TO UTC: +09

PERIOD OF RECORD: 5706-7811,8005-8812
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 75							.8	.1					.1
GE 70						.1	2.3	.6					.3
GE 65						.6	6.0	2.5	.1				.8
GE 60						2.1	12.0	7.9	.6				2.0
GE 55						4.4	22.1	19.1	1.6				4.2
GE 50						9.7	33.6	31.9	6.2				7.3
GE 45					.6	19.0	52.6	47.9	12.4	.4			11.8
GE 40		.3		.9	4.6	39.5	81.2	71.3	24.4	1.1			19.8
GE 35	.2	.4	.1	3.2	16.2	79.5	99.4	94.3	52.2	5.1	.4		31.0
GE 33	.6	.9	.1	4.0	24.5	91.3	99.8	98.6	67.7	6.9	.8	.4	34.9
GE 30	1.5	1.1	.4	5.2	39.4	97.8	100.0	100.0	86.4	17.0	2.4	1.0	39.8
GE 25	3.4	2.2	1.5	8.2	62.5	99.8			97.2	40.4	5.1	3.5	46.0
GE 20	5.9	3.7	2.4	14.0	77.9	100.0			98.8	59.4	11.9	5.9	50.8
GE 15	9.8	5.6	4.2	20.8	91.3				99.8	72.0	19.2	9.8	55.2
GE 10	14.7	10.6	7.6	33.1	97.9				100.0	81.8	32.5	14.4	60.2
GE 5	20.4	14.9	13.4	48.7	99.6					89.1	46.9	22.3	65.3
GE 0	28.0	22.1	23.1	66.7	100.0					94.8	59.5	33.4	71.1
GE -5	37.4	29.2	34.0	80.4						98.0	70.0	46.9	76.5
GE -10	50.3	39.4	51.7	90.9						99.2	83.5	59.6	82.7
GE -15	63.8	50.3	67.6	97.6						100.0	92.1	71.7	88.1
GE -20	76.4	62.2	81.1	99.5							96.8	80.1	92.2
GE -25	84.7	71.7	89.6	99.9							98.7	88.9	95.0
GE -30	90.3	82.8	94.8	100.0							99.5	93.7	97.1
GE -35	95.2	90.7	98.1								100.0	97.0	98.6
GE -40	98.4	96.0	99.5									98.6	99.4
GE -45	99.6	98.4	100.0									99.6	99.8
GE -50	100.0	99.7										100.0	100.0
GE -55		100.0											100.0
.....													
MEAN	-9.0	-13.9	-9.6	5.4	26.5	39.6	47.5	45.8	35.9	19.9	2.8	-6.7	16.7
SD	16.50	17.22	13.03	12.64	8.33	6.88	9.13	8.69	7.18	10.78	13.30	15.69	25.12
.....													
TOTAL OBS	815	696	806	821	893	877	881	935	855	898	847	763	10087
.....													

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 700630

STATION NAME: DEADHORSE AK (OLIKTOK AK DATA)
LST TO UTC: +09

PERIOD OF RECORD: 5708-7811,8005-8812
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 60							.1						.0
GE 55							.7						.1
GE 50						.2	2.5	1.1					.3
GE 45						.7	7.3	5.1	.1				1.1
GE 40					.1	3.5	19.1	16.8	.9				3.4
GE 35					.4	14.7	53.6	48.9	6.9				10.6
GE 33					1.4	29.1	73.5	65.9	14.8	.1			15.7
GE 30					5.7	67.0	94.4	88.1	41.4	1.5			25.3
GE 25	.1			1.1	19.0	91.9	100.0	99.4	76.9	8.8	.1		33.8
GE 20	.3			2.1	38.1	98.4		100.0	90.4	21.0	.8	.3	38.4
GE 15	.4	.1		4.1	54.4	99.9			96.4	34.5	2.1	1.1	42.0
GE 10	1.2	1.2	.2	7.1	71.2	99.9			99.1	48.5	6.0	1.9	45.6
GE 5	3.7	2.1	.8	14.1	83.7	100.0			99.9	62.1	13.5	4.1	49.7
GE 0	7.0	5.3	2.5	22.4	92.1				100.0	73.2	24.7	7.9	53.9
GE -5	11.8	8.8	5.2	30.6	95.8					82.7	36.9	14.5	58.1
GE -10	19.0	14.2	10.5	42.0	98.6					89.8	51.2	24.2	63.3
GE -15	28.7	22.4	23.4	57.0	99.7					94.7	66.7	36.8	69.9
GE -20	41.6	29.9	35.4	72.2	99.9					98.1	78.7	48.3	76.0
GE -25	53.8	38.6	48.3	84.7	100.0					99.4	87.3	57.3	81.3
GE -30	66.3	51.5	63.2	94.0						100.0	93.7	69.6	86.9
GE -35	77.9	63.6	77.8	98.5							98.8	82.5	91.9
GE -40	86.6	77.9	90.0	99.5							99.6	90.6	95.5
GE -45	94.4	87.3	96.3	99.9							99.9	96.4	97.9
GE -50	98.8	94.6	99.3	100.0							100.0	99.7	99.4
GE -55	99.8	98.7	99.9									99.9	99.9
GE -60	100.0	99.9	100.0									99.9	100.0
GE -65		100.0										100.0	100.0
MEAN	-23.5	-28.2	-25.4	-11.5	14.8	30.7	35.9	35.0	27.5	7.8	-10.0	-21.3	3.2
SD	14.64	15.34	12.02	13.65	10.42	4.62	5.16	5.11	5.77	13.00	12.71	14.56	26.73
TOTAL OBS	896	816	896	870	923	894	895	948	925	927	890	887	10767

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ATING LOCATION 'A'
ETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

ION NUMBER: 700630 STATION NAME: DEADHORSE AK (OLIKTOK AK DATA) PERIOD OF RECORD: 5708-7811,8005-8812
LST TO UTC: +09 MONTH: ALL HOURS: ALL

P G-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
65							.3						.0
60							1.8	.1					.2
55						.1	5.2	2.5					.7
50						1.6	14.8	10.5					2.4
45						6.0	28.1	26.8	2.3				5.7
40					.3	17.4	56.4	50.8	10.6				12.1
35				.1	4.7	53.8	91.5	82.4	30.4	1.2			23.4
30				.9	8.4	72.1	98.4	91.8	44.9	1.9			28.2
25	.1			1.2	17.5	91.7	100.0	99.1	71.2	5.6	.1		34.1
20	.5	.3		3.2	38.9	98.5		100.0	90.6	20.3	.8	4	39.9
15	1.0	1.1	.2	6.5	58.5	99.9			98.5	37.4	2.7	1.7	44.6
10	2.9	1.9	.6	10.4	75.4	100.0			99.5	54.0	7.3	3.4	48.8
5	5.9	3.6	1.9	17.1	89.0				100.0	68.8	16.3	6.8	53.3
0	11.3	6.8	4.8	27.4	95.4					79.2	29.1	11.5	58.0
-5	15.8	11.4	8.1	37.1	98.9					87.2	40.8	18.1	62.2
-10	22.9	17.8	16.1	53.0	99.8					93.7	55.0	28.2	67.8
-15	33.7	25.9	28.2	70.0	100.0					97.2	68.6	41.5	74.0
-20	46.3	35.2	42.1	84.7						99.2	81.9	54.7	80.3
-25	60.9	45.1	59.3	93.7						100.0	90.5	66.1	85.9
-30	73.6	59.1	73.7	98.7							95.9	77.6	90.8
-35	81.5	70.5	80.6	99.6							99.3	87.5	94.4
-40	89.7	81.6	93.5	99.9							99.8	92.8	96.8
-45	95.5	90.4	97.9	100.0							100.0	97.0	98.6
-50	98.9	95.7	99.5									99.1	99.5
-55	99.9	99.1	100.0									100.0	99.9
-60	100.0	99.9											100.0
	100.0												100.0
AN	-15.9	-20.7	-17.3	-2.9	21.0	35.5	42.0	40.7	32.1	14.2	-3.6	-13.7	10.7
	15.17	15.81	12.06	12.85	8.93	5.24	6.59	6.40	5.85	11.39	12.63	14.82	25.66
TAL OBS	815	696	806	821	892	877	881	935	855	898	845	763	10084

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 700630

STATION NAME: DEADHORSE AK (OLIKTOK AK DATA)
LST TO UTC: +09

PERIOD OF RECORD: 5708-7811,8005-8812
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
57								72*	*	39	16	2	72*
58	-3	6	26	41	39	60	66	75	53*	32	20*	*	75*
59	*	*	*	*	*	56*	59*	59	51	45	25	5*	59*
60	-16*	30*	32*	31*	39	63	71	55*	35*	36	15	18*	71*
61	26	-1*	-17*	33*	49	66	72*	67	55	39	35*	9*	72*
62	30	33	18	23	43	62	72	71	46	41	27	22	72
63	34	11	11	31	43	41	58	58	40	33	18	28	58
64	-2	7	2	15	48	52	68	54	50	45	25	21	68
65	-1	-17	26	36	42	57	65	71	55	29	35	22	71
66	18	4	11	26	35	67	68	62	49	32	31	27	68
67	26	20	36	43	42	55	68	68	39	37	33	29*	68*
68	32	0	15	16	40	51	78	61	50	31	26	24	78
69	20	11	14	35	41	56	68	57	51	38	19	11	68
70	10	28	15	25	45	63	58	59	39*	22*	24*	29*	63*
71	17	-7	23	19	43	62	72	60	56	36	21	30	72
72	30	25	1	19	40	48		67	51	40	22	33	67*
73	30	33	9	17	47	51	76	65	58	45	32	33	76
74	38	-1	10	14	40	48	77	67	65	31	31	-9*	77*
75	0	22	17	38	38	66	75	65	50	40	22	0	75
76	10	13	22	26	40	56	66	60	54	30	24	2	66
77	18	10	-5	38	40	60	63	66	61	45	12	27	66
78	12	17	13	35	38	55	66	66	63	27	34		66*
80					34	59	59	68	52	28	19	18	68*
81	25	10	23	37	43	50*	75	61	46	27	25	14	75*
82	18	41*	19	41	39	55	70	64	41	37	3	14	70*
83	3*	25*	1*	41	36	64	63	61	54	41	34	34	64*
84	18*	-13*	9	18	37	55	68	72	50	37	14	23*	72*
85	25	19*	10	10	43*	70	63	66	43	36	28	21	70*
86	9	21*	9	16	37	59	64	59	61	30	21	19	64*
87	19*	19*	19	19	37	45	64	57	43	32	19	27	64*
88	30	23	25	39	34	52	68	64	54*				68*

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MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NAME: DEADHORSE AK (OLIKTOK AK DATA)
LST TO UTC: +09

PERIOD OF RECORD: 5708-7811,8005-8812
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	38	41	36	43	49	70	78	75	65	45	35	34	78
TOTAL OBS	815	696	806	821	893	877	881	935	855	898	847	763	10087

THE GREATEST VALUE OF 78 OCCURRED ON 07/22/68

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 700630

STATION NAME: DEADHORSE AK (OLIKTOK AK DATA)
LST TO UTC: +09

PERIOD OF RECORD: 5708-7811,8005-8812
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
57								37*	8	-18	-21	-51	-51*
58	-52	-40	-41	-31	-10	20	31	35	25	-17	-22	-41	-52
59	-40	-37	-48	-40	-3	20	28	27	19	-11	-36	-48	-48
60	-48	-47	-42	-39	4	17	27	26	17	-12	-34	-34	-48
61	-34	-47	-49	-33	-11	25	30	28	26	-19	-31*	-47	-49*
62	-49	-37	-46	-31	-13	22	29	29	20	-4	-28	-37	-49
63	-47	-44	-42	-28	8	24	28	28	19	-18	-36	-30	-47
64	-51	-53	-48	-43	-17	23	27	25	19	-15	-28	-49	-53
65	-57	-54	-48	-24	-15	17	28	25	12	-27	-24	-62	-62
66	-46	-64	-56	-35	-5	21	31	21	20	-13	-19	-41	-64
67	-42	-48	-40	-33	4	29	26	25	21	-12	-30	-40	-48
68	-45	-60	-53	-27	0	24	34	31	14	-19	-31	-43	-60
69	-50	-49	-50	-31	5	17	29	24	20	-2	-34	-32	-50
70	-40	-47	-47	-25	-6	28	28	30	0	-26	34	41	-47
71	-49	-54	-52	-34	-9	23	29	26	25	-25	-39	-47	-54
72	-45	-58	-44	-30	2	26		29	11	-10	-29	-43	-58*
73	-45	-43	-51	-24	-2	26	29	30	17	-15	-25	-38	-51
74	-42	-49	-46	-30	-14	7	26	26	11	-12	-43	-50*	-50*
75	-55	-52	-33	-31	2	25	33	32	6	-26	-32	-43	-55
76	-47	-44	-36	-29	-2	26	30	29	23	-15	-25	-43	-47
77	-38	-50	-44	-36	2	30	34	21	14	0	-32	-38	-50
78	-28	-48	-42	-35	4	25	34	23	18	-15	-20		-48*
80					-17	23	30	25	9	-4	-20	-44	-44*
81	-20	-44	-33	-27	-2	23*	28	28	18	-9	-20	-33	-44*
82	-36	-51	-40	-29	-13	25	30	28	23	-18	-29	-35	-51
83	-58	-40	-42	-33	-6	27	30	28	5	-26	-29	-42	-58
84	-53	-53	-40	-38	-22	23	30	27	10	-15	-36	-53	-53
85	-27	-60	-42	-42	-4*	25	30	28	14	-18	-26	-35	-60*
86	-38	-53	-49	-47	-8	21	28	27	12	-11	-49	-44	-53
87	-47	-58	-47	-31	-4	25	25	30	21	3	-33	33	-58
88	-40	-44	-38	-36	-6	23	30	23	14*				-44*

E - 3 - 2A

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5708-7811,8005 9812
MONTH: ALL HOURS: ALL

LEAST	-58	-64	-56	-47	-22	7	25	21	0	-27	-49	-62	-64
TOTAL OBS	896	816	896	870	923	894	895	948	925	927	890	887	10767

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 700630

STATION NAME: DEADHORSE AK (OLIKTOK AK DATA)
LST TO UTC: +09

PERIOD OF RECORD: 5708 / 811, 8005 / 8811
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
57								48*	*	20	-7	-25	7*
58	-23	-24	-14	-1	20	36	44	45	36*	14	10*	*	13*
59	*	*	*	*	*	37*	40*	37	31	16	-10	-11*	22*
60	-25*	-3*	-8*	-1*	22	34	39	35*	28*	14	-11	-8*	15*
61	-12	-23*	-25*	-6*	23	37	43*	40	34	16	-5*	-9*	16*
62	-7	-6	-14	-3	18	36	44	45	32	21	3	-7	14
63	-12	-18	-21	4	27	33	40	40	31	12	-9	-5	10
64	-23	-29	-26	-10	20	33	41	36	31	15	-1	-28	5
65	-25	-36	-12	2	20	31	39	43	31	7	8	-17	8
66	-20	-30	-28	-7	18	37	44	38	33	18	5	-14	8
67	-14	-23	-11	5	24	36	44	40	28	12	-2	-12*	11*
68	-11	-32	-14	-6	25	35	46	42	33	13	-3	-17	9
69	-19	-25	-16	5	24	34	39	34	31	19	-10	-7	9
70	-15	-12	-17	2	24	37	37	39	32*	0*	2*	13*	12*
71	-26	-33	-19	-8	21	37	43	38	34	13	-3	-16	7
72	-20	-25	-25	-4	20	34		41	31	19	-1	-6	6*
73	-17	-18	-26	-3	21	34	43	43	36	17	1	-8	11
74	-17	-34	-22	-8	19	33	42	43	33	6	-13	-35*	5*
75	-32	-19	-11	-5	21	40	45	43	30	11	-14	-25	7
76	-24	-25	-19	0	20	35	42	44	34	15	4	-21	9
77	-9	-18	-26	-2	24	41	42	45	35	24	-5	-11	12
78	-9	-16	-11	2	20	37	43	39	36	8	4		14*
80					19	36	38	39	28	16	-1	-21	19*
81	2	-18	-10	1	25	35*	45	40	30	17	0	-11	13*
82	-16	-3*	-15	-1	19	35	43	42	32	8	-12	-14	10*
83	-22*	-9*	-15*	0	15	37	40	40	29	7	1	-3	11*
84	-12*	-30*	-17	-10	18	36	44	41	33	15	-14	-19*	10*
85	-8	-14*	-13	-11	22*	35	41	40	29	9	0	-6	11*
86	-18	-7*	-20	-10	18	35	41	40	38	14	-4	-10	10*
87	-11*	-18*	-16	-9	19	34	40	42	33	23	-6	-9	11*
88	-10	-14	-12	3	21	35	43	40	31*				15*

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MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5708-7811,8005-8812
MONTH: ALL HOURS: ALL

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

USAFETAC/DS-90/222 - Page 306

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	-16.9	16.130	643	562	643	0	0	0	643
03-05	-17.6	15.933	640	561	640	0	0	0	640
06-08	-17.2	15.895	642	573	642	0	0	0	642
09-11	-16.8	16.003	643	570	643	0	0	0	643
12-14	-16.6	15.813	640	569	640	0	0	0	640
15-17	-16.5	16.158	645	563	645	0	0	0	645
18-20	-16.5	16.476	649	561	649	0	0	0	649
21-23	-16.6	16.240	651	566	651	0	0	0	651
ALL HOURS	-16.8	16.066	5153	4525	5153	0	0	0	5153

MONTH: FEB

00-02	-17.6	20.134	646	511	645	0	0	0	646
03-05	-17.3	20.866	651	513	647	0	0	0	651
06-08	-16.7	21.055	654	510	652	0	0	0	654
09-11	-16.4	20.704	639	496	639	0	0	0	639
12-14	-15.6	20.205	644	503	644	0	0	0	644
15-17	-15.4	19.873	644	505	643	0	0	0	644
18-20	-16.4	20.268	629	483	626	0	0	0	629
21-23	-17.0	20.165	636	486	633	0	0	0	636
ALL HOURS	-16.5	20.424	5143	4007	5129	0	0	0	5143

E - 5 - 1 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	-18.4	13.621	684	623	684	0	0	0	684
03-05	-19.4	13.814	694	636	694	0	0	0	694
06-08	-19.7	14.094	688	633	688	0	0	0	688
09-11	-18.4	13.440	686	630	686	0	0	0	686
12-14	-15.0	12.365	692	624	691	0	0	0	692
15-17	-13.0	11.831	700	623	700	0	0	0	700
18-20	-15.2	12.305	693	633	693	0	0	0	693
21-23	-17.4	12.836	690	633	690	0	0	0	690
ALL HOURS	-17.0	13.241	5527	5035	5526	0	0	0	5527

MONTH: APR

00-02	-7.4	15.686	603	426	603	0	0	0	603
03-05	-8.9	15.923	608	440	608	0	0	0	608
06-08	-8.2	16.283	609	431	609	0	0	0	609
09-11	-4.6	15.561	607	387	607	0	0	0	607
12-14	-1.9	14.633	616	343	611	0	0	0	616
15-17	2.0	13.957	613	295	601	0	0	0	613
18-20	.2	14.281	610	325	605	0	0	0	610
21-23	-3.8	15.220	607	393	607	0	0	0	607
ALL HOURS	-3.9	15.696	4873	3040	4851	0	0	0	4873

E - 5 - 1 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	16.6	9.719	635	21	609	0	0	0	635
03-05	15.5	10.198	629	41	607	0	0	0	629
06-08	16.9	9.662	632	25	598	0	0	0	632
09-11	19.8	9.224	629	3	575	0	0	0	629
12-14	22.3	8.757	630	0	556	0	0	0	630
15-17	24.0	8.511	628	0	529	0	0	0	628
18-20	22.7	8.495	634	1	550	0	0	0	634
21-23	19.9	9.073	631	3	579	0	0	0	631
ALL HOURS	19.7	9.661	5048	94	4603	0	0	0	5048

MONTH: JUN

00-02	35.4	5.847	681	0	243	0	0	0	681
03-05	34.8	5.491	680	0	272	0	0	0	680
06-08	36.2	6.503	686	0	228	0	0	0	686
09-11	39.2	7.966	691	0	134	2	0	0	691
12-14	41.1	8.130	685	0	69	5	0	0	685
15-17	41.5	8.043	695	0	54	7	0	0	695
18-20	39.9	7.302	691	0	83	3	0	0	691
21-23	37.8	6.480	683	0	156	0	0	0	683
ALL HOURS	38.2	7.476	5492	0	1239	17	0	0	5492

E - 5 - 1 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	42.6	6.400	714	0	9	0	0	0	714
03-05	42.0	6.377	711	0	15	0	0	0	711
06-08	44.1	7.111	714	0	4	1	0	0	714
09-11	47.8	8.258	706	0	0	24	0	0	706
12-14	50.3	8.593	700	0	0	52	0	0	700
15-17	51.1	8.581	711	0	0	60	0	0	711
18-20	48.9	8.312	714	0	0	37	0	0	714
21-23	45.7	7.542	727	0	2	7	0	0	727
ALL HOURS	46.6	8.336	5697	0	30	181	0	0	5697

MONTH: AUG

00-02	40.8	7.281	703	0	90	0	0	0	703
03-05	40.2	6.946	709	0	107	0	0	0	709
06-08	41.0	7.292	703	0	81	0	0	0	703
09-11	44.1	8.730	703	0	36	7	0	0	703
12-14	46.7	9.651	717	0	17	30	0	0	717
15-17	47.7	9.865	700	0	19	39	0	0	700
18-20	45.6	9.231	714	0	23	22	0	0	714
21-23	42.6	8.137	696	0	53	3	0	0	696
ALL HOURS	43.6	8.918	5645	0	426	101	0	0	5645

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GL 80	GL 93	
00-02	16.6	9.719	635	21	609	0	0	0	635
03-05	15.5	10.198	629	41	607	0	0	0	629
06-08	16.9	9.662	632	25	598	0	0	0	632
09-11	19.8	9.224	629	3	575	0	0	0	629
12-14	22.3	8.757	630	0	556	0	0	0	630
15-17	24.0	8.511	628	0	529	0	0	0	628
18-20	22.7	8.495	634	1	550	0	0	0	634
21-23	19.9	9.073	631	3	579	0	0	0	631
ALL HOURS	19.7	9.661	5048	94	4603	0	0	0	5048

MONTH: JUN

00-02	35.4	5.847	681	0	243	0	0	0	681
03-05	34.8	5.491	680	0	272	0	0	0	680
06-08	36.2	6.503	686	0	228	0	0	0	686
09-11	39.2	7.966	691	0	134	2	0	0	691
12-14	41.1	8.130	685	0	69	5	0	0	685
15-17	41.5	8.043	695	0	54	7	0	0	695
18-20	39.9	7.302	691	0	83	3	0	0	691
21-23	37.8	6.480	683	0	156	0	0	0	683
ALL HOURS	38.2	7.476	5492	0	1239	17	0	0	5492

E - 5 - 1 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	42.6	6.400	714	0	9	0	0	0	714
03-05	42.0	6.377	711	0	15	0	0	0	711
06-08	44.1	7.111	714	0	4	1	0	0	714
09-11	47.8	8.258	706	0	0	24	0	0	706
12-14	50.3	8.593	700	0	0	52	0	0	700
15-17	51.1	8.581	711	0	0	60	0	0	711
18-20	48.9	8.312	714	0	0	37	0	0	714
21-23	45.7	7.542	727	0	2	7	0	0	727
ALL HOURS	46.6	8.336	5697	0	30	181	0	0	5697

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	40.8	7.281	703	0	90	0	0	0	703
03-05	40.2	6.946	709	0	107	0	0	0	709
06-08	41.0	7.292	703	0	81	0	0	0	703
09-11	44.1	8.730	703	0	36	7	0	0	703
12-14	46.7	9.651	717	0	17	30	0	0	717
15-17	47.7	9.865	700	0	19	39	0	0	700
18-20	45.6	9.231	714	0	23	22	0	0	714
21-23	42.6	8.137	696	0	53	3	0	0	696
ALL HOURS	43.6	8.918	5645	0	426	101	0	0	5645

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	31.7	5.711	692	0	381	0	0	0	692
03-05	31.3	5.537	683	0	393	0	0	0	683
06-08	31.4	5.779	698	0	407	0	0	0	698
09-11	33.2	6.412	686	0	336	0	0	0	686
12-14	35.5	7.308	680	0	238	0	0	0	680
15-17	36.1	7.712	691	0	241	0	0	0	691
18-20	34.1	6.887	700	0	301	0	0	0	700
21-23	32.2	6.168	698	0	367	0	0	0	698
ALL HOURS	33.2	6.709	5528	0	2664	0	0	0	5528

MONTH: OCT

00-02	12.8	13.706	755	181	726	0	0	0	755
03-05	12.4	13.770	750	176	731	0	0	0	750
06-08	12.1	13.758	754	175	741	0	0	0	754
09-11	12.7	13.624	747	163	723	0	0	0	747
12-14	13.7	13.483	763	158	725	0	0	0	763
15-17	13.7	13.960	764	169	720	0	0	0	764
18-20	13.1	13.856	760	167	724	0	0	0	760
21-23	12.5	13.643	752	178	720	0	0	0	752
ALL HOURS	12.9	13.745	6045	1367	5810	0	0	0	6045

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	-8.9	12.992	695	527	695	0	0	0	695
03-05	-9.1	13.286	687	504	687	0	0	0	687
06-08	-8.8	13.280	679	486	679	0	0	0	679
09-11	-8.4	13.521	688	491	688	0	0	0	688
12-14	-8.6	13.379	695	509	695	0	0	0	695
15-17	-9.0	13.312	691	513	691	0	0	0	691
18-20	-9.3	13.173	684	510	684	0	0	0	684
21-23	-9.3	13.104	690	520	690	0	0	0	690
ALL HOURS	-8.9	13.249	5509	4060	5509	0	0	0	5509

MONTH: DEC

00-02	-9.6	14.128	709	535	709	0	0	0	709
03-05	-9.4	14.594	708	524	708	0	0	0	708
06-08	-9.3	14.595	709	526	708	0	0	0	709
09-11	-9.5	14.291	709	538	709	0	0	0	709
12-14	-9.7	14.057	709	555	709	0	0	0	709
15-17	-9.9	14.126	705	552	705	0	0	0	705
18-20	-9.4	14.120	726	544	726	0	0	0	726
21-23	-9.4	14.246	713	536	713	0	0	0	713
ALL HOURS	-9.5	14.281	5688	4310	5687	0	0	0	5688

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH TEMPERATURES DEC F	TOTAL			
				LE 0	LE 32	GE 65	GE 80	GE 93	HOURS
00-02	9.0	26.445	8160	3386	6037	0	0	0	8160
03-05	8.4	26.504	8150	3395	6109	0	0	0	8150
06-08	9.0	26.937	8168	3359	6037	1	0	0	8168
09-11	10.7	27.800	8134	3278	5776	33	0	0	8134
12-14	12.4	28.156	8171	3261	5595	87	0	0	8171
15-17	13.1	28.224	8187	3220	5548	106	0	0	8187
18-20	12.0	27.724	8204	3224	5664	62	0	0	8204
21-23	10.3	27.028	8174	3315	5861	10	0	0	8174
ALL HOURS	10.6	27.409	65348	26438	46627	299	0	0	65348

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80		
00-02	-11.9	12.128	433	433	0	0	0	0		433
03-05	-12.0	11.718	422	422	0	0	0	0		422
06-08	-11.6	11.336	426	426	0	0	0	0		426
09-11	-11.0	11.388	428	428	0	0	0	0		428
12-14	-11.2	11.365	434	434	0	0	0	0		434
15-17	-11.0	11.729	432	432	0	0	0	0		432
18-20	-11.3	12.315	437	437	0	0	0	0		437
21-23	-11.7	12.362	445	445	0	0	0	0		445
ALL HOURS	-11.5	11.801	3457	3457	0	0	0	0		3457

MONTH: FEB

00-02	-9.9	15.074	414	414	0	0	0	0		414
03-05	-9.0	15.422	410	408	0	0	0	0		410
06-08	-8.9	15.824	418	417	0	0	0	0		418
09-11	-8.4	15.463	408	408	0	0	0	0		408
12-14	-8.5	15.566	420	420	0	0	0	0		420
15-17	-9.1	15.618	432	432	0	0	0	0		432
18-20	-9.4	15.334	416	416	0	0	0	0		416
21-23	-9.5	15.105	411	411	0	0	0	0		411
ALL HOURS	-9.1	15.416	3329	3326	0	0	0	0		3329

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 DEC 89
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH TEMPERATURES DEG F	TOTAL HOURS			
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	-16.3	9.767	485	485	0	0	0	0	485
03-05	-16.6	9.494	476	476	0	0	0	0	476
06-08	-16.3	9.491	468	468	0	0	0	0	468
09-11	-15.5	9.865	494	494	0	0	0	0	494
12-14	-14.2	9.942	553	553	0	0	0	0	553
15-17	-12.6	9.893	562	562	0	0	0	0	562
18-20	-14.2	9.849	542	542	0	0	0	0	542
21-23	-15.8	10.053	529	529	0	0	0	0	529
ALL HOURS	-15.1	9.905	4109	4109	0	0	0	0	4109

MONTH: APR

00-02	-7.1	14.304	576	576	0	0	0	0	576
03-05	-7.8	14.263	570	570	0	0	0	0	570
06-08	-6.9	14.325	568	568	0	0	0	0	568
09-11	-4.1	14.281	591	591	0	0	0	0	591
12-14	-1.3	13.617	609	608	0	0	0	0	609
15-17	1.3	13.274	610	603	0	0	0	0	610
18-20	-1.4	13.670	605	604	0	0	0	0	605
21-23	-3.7	14.107	592	592	0	0	0	0	592
ALL HOURS	-3.7	14.305	4721	4712	0	0	0	0	4721

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF LE 32	HOURS WITH GE 50	TEMPERATURES GE 67	DEG F GE 73	GE 80	TOTAL HOURS
00-02	16.4	9.331	592	583	0	0	0	0	0	592
03-05	15.5	9.801	583	576	0	0	0	0	0	583
06-08	16.6	9.176	584	568	0	0	0	0	0	584
09-11	19.1	8.577	584	544	0	0	0	0	0	584
12-14	21.1	8.216	586	534	0	0	0	0	0	586
15-17	22.5	7.877	588	529	0	0	0	0	0	588
18-20	21.5	8.036	592	537	0	0	0	0	0	592
21-23	19.3	8.613	589	557	0	0	0	0	0	589
ALL HOURS	19.0	9.043	4698	4428	0	0	0	0	0	4698

MONTH: JUN

00-02	33.8	5.006	600	258	12	0	0	0	600
03-05	33.3	4.641	591	276	3	0	0	0	591
06-08	34.3	5.189	606	254	6	0	0	0	606
09-11	36.5	6.189	607	190	26	0	0	0	607
12-14	38.0	6.235	604	130	38	0	0	0	604
15-17	38.3	6.199	609	117	31	0	0	0	609
18-20	37.0	5.621	610	154	24	0	0	0	610
21-23	35.6	5.255	601	202	17	0	0	0	601
ALL HOURS	35.8	5.881	4828	1581	157	0	0	0	4828

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	40.7	5.892	593	19	62	0	0	0	593
03-05	40.1	5.782	584	29	39	0	0	0	584
06-08	41.7	6.217	598	14	71	0	0	0	598
09-11	44.2	6.595	590	1	134	0	0	0	590
12-14	45.9	6.544	584	0	166	0	0	0	584
15-17	46.3	6.336	592	0	180	0	0	0	592
18-20	44.9	6.406	587	0	141	0	0	0	587
21-23	42.9	6.521	593	3	108	0	0	0	593
ALL HOURS	43.3	6.646	4721	66	901	0	0	0	4721

MONTH: AUG

00-02	39.5	7.025	623	108	63	0	0	0	623
03-05	38.9	6.821	633	122	50	0	0	0	633
06-08	39.5	6.965	626	98	67	0	0	0	626
09-11	41.7	7.710	631	57	123	0	0	0	631
12-14	43.3	8.010	639	34	165	0	0	0	639
15-17	44.0	8.124	624	31	175	0	0	0	624
18-20	42.7	8.002	635	46	147	0	0	0	635
21-23	40.7	7.561	624	76	87	0	0	0	624
ALL HOURS	41.3	7.783	5035	572	877	0	0	0	5035

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEL T					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	30.9	5.642	626	379	6	0	0	0	626
03-05	30.6	5.451	615	400	0	0	0	0	615
06-08	30.5	5.795	629	408	0	0	0	0	629
09-11	32.0	6.220	620	334	1	0	0	0	620
12-14	33.9	6.565	616	265	9	0	0	0	616
15-17	34.6	6.929	623	260	13	0	0	0	623
18-20	32.9	6.605	630	314	9	0	0	0	630
21-23	31.4	6.090	628	365	6	0	0	0	628
ALL HOURS	32.1	6.338	4987	2725	44	0	0	0	4987

MONTH: OCT

00-02	12.5	13.437	690	675	0	0	0	0	690
03-05	12.6	13.212	690	677	0	0	0	0	690
06-08	12.3	13.110	686	674	0	0	0	0	686
09-11	12.7	13.230	680	661	0	0	0	0	680
12-14	13.3	13.304	696	671	0	0	0	0	696
15-17	13.5	13.601	692	659	0	0	0	0	692
18-20	12.9	13.465	688	665	0	0	0	0	688
21-23	12.4	13.250	677	661	0	0	0	0	677
ALL HOURS	12.8	13.315	5499	5343	0	0	0	0	5499

E - 5 - 2 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH	TEMPERATURES DIG 1	TOTAL		
				LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
00-02	-9.1	11.988	623	623	0	0	0	0	623
03-05	-9.4	12.382	619	619	0	0	0	0	619
06-08	-9.1	12.355	605	605	0	0	0	0	605
09-11	-9.4	12.403	609	609	0	0	0	0	609
12-14	-9.4	12.140	615	615	0	0	0	0	615
15-17	-9.2	12.043	620	620	0	0	0	0	620
18-20	-9.4	11.924	616	616	0	0	0	0	616
21-23	-9.4	11.940	618	618	0	0	0	0	618
ALL HOURS	-9.3	12.154	4925	4925	0	0	0	0	4925

MONTH: DEC

00-02	-10.0	11.455	542	542	0	0	0	0	542
03-05	-9.5	11.817	535	535	0	0	0	0	535
06-08	-9.7	11.935	543	543	0	0	0	0	543
09-11	-10.0	11.509	554	554	0	0	0	0	554
12-14	-10.4	11.484	555	555	0	0	0	0	555
15-17	-10.4	11.665	561	561	0	0	0	0	561
18-20	-9.7	11.807	587	587	0	0	0	0	587
21-23	-9.7	11.996	572	572	0	0	0	0	572
ALL HOURS	-9.9	11.721	4449	4449	0	0	0	0	4449

E - 5 - 2 - 6

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF	HOURS WITH	TEMPERATURES	DEG F	TOTAL
				LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
00-02	11.0	23.646	6797	5095	143	0	0	0	6797
03-05	10.7	23.479	6728	5110	92	0	0	0	6728
06-08	11.4	23.710	6757	5043	144	0	0	0	6757
09-11	12.5	24.396	6796	4871	284	0	0	0	6796
12-14	13.2	24.850	6911	4819	378	0	0	0	6911
15-17	13.8	24.840	6945	4806	399	0	0	0	6945
18-20	13.0	24.488	6945	4918	321	0	0	0	6945
21-23	11.7	24.113	6879	5031	218	0	0	0	6879
ALL HOURS	12.2	24.222	54758	39693	1979	0	0	0	54758

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OPERATING LOCATION: "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	-17.3	12.549	433	433	0	433	0	433
03-05	-17.5	12.231	422	422	0	422	0	422
06-08	-17.2	11.878	426	426	0	426	0	426
09-11	-16.6	11.927	428	428	0	428	0	428
12-14	-16.7	11.877	434	434	0	434	0	434
15-17	-16.5	12.196	432	432	0	432	0	432
18-20	-16.6	12.800	437	437	0	437	0	437
21-23	-17.1	12.808	445	445	0	445	0	445
ALL HOURS	-16.9	12.301	3457	3457	0	3457	0	3457

MONTH: FEB

00-02	-15.5	16.256	414	412	0	414	0	420
03-05	-14.6	16.541	410	407	0	410	0	420
06-08	-14.4	16.999	418	418	0	418	0	420
09-11	-13.9	16.629	408	408	0	408	0	420
12-14	-14.3	16.662	420	420	0	420	0	420
15-17	-14.8	16.776	432	429	0	432	0	420
18-20	-15.1	16.615	416	413	0	416	0	420
21-23	-15.2	16.400	411	408	0	411	0	420
ALL HOURS	-14.7	16.615	3329	3315	0	3329	0	3329

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	-22.4	10.954	485	485	0	485	0	485
03-05	-22.8	10.668	476	476	0	476	0	476
06-08	-22.5	10.610	468	468	0	468	0	468
09-11	-21.7	11.009	494	494	0	494	0	494
12-14	-20.7	11.260	553	553	0	553	0	553
15-17	-18.9	11.120	562	562	0	562	0	562
18-20	-20.4	10.934	542	542	0	542	0	542
21-23	-22.1	11.295	529	529	0	529	0	529
ALL HOURS	-21.4	11.085	4109	4109	0	4109	0	4109

MONTH: APR

00-02	-13.3	15.537	576	576	0	576	0	609
03-05	-14.1	15.598	570	570	0	570	0	609
06-08	-13.2	15.516	568	568	0	568	0	609
09-11	-10.8	15.562	591	590	0	591	0	609
12-14	-7.8	14.809	609	604	0	609	0	609
15-17	-5.4	14.399	610	597	0	610	0	609
18-20	-6.8	14.838	605	596	0	605	0	609
21-23	-9.9	15.284	592	589	0	592	0	609
ALL HOURS	-10.1	15.496	4721	4690	0	4721	0	4721

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 DEC 89
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	12.5	10.338	592	551	0	592	0	592
03-05	11.6	10.892	583	555	0	583	0	583
06-08	12.3	10.391	584	544	0	584	0	584
09-11	14.2	9.656	584	522	0	584	0	584
12-14	16.0	9.271	586	514	1	586	0	586
15-17	17.1	9.011	588	498	3	588	0	588
18-20	16.6	9.136	592	511	1	592	0	592
21-23	15.1	9.649	589	525	0	589	0	589
ALL HOURS	14.4	10.016	4698	4220	5	4698	0	4698

MONTH: JUN

00-02	31.3	5.003	600	129	59	600	0	604
03-05	30.8	4.741	591	137	48	591	0	604
06-08	31.3	4.991	606	133	65	606	0	604
09-11	32.6	5.569	607	103	127	607	0	604
12-14	33.6	5.694	604	71	163	604	0	604
15-17	33.8	5.757	609	67	154	609	0	604
18-20	33.0	5.318	610	79	129	610	0	604
21-23	32.3	5.095	601	98	100	601	0	604
ALL HOURS	32.4	5.421	4828	817	845	4828	0	4828

E - 5 - 3 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	38.5	5.963	593	2	311	592	0	593
03-05	38.2	5.762	584	4	305	581	0	584
06-08	39.0	6.158	598	2	356	595	0	598
09-11	40.3	6.383	590	3	391	584	0	590
12-14	41.3	6.206	584	1	424	578	0	584
15-17	41.2	5.924	592	0	426	584	0	592
18-20	40.5	6.150	587	0	405	577	0	587
21-23	39.8	6.447	593	2	379	584	0	593
ALL HOURS	39.8	6.271	4721	14	2997	4675	0	4721

MONTH: AUG

00-02	38.1	7.171	623	30	323	617	0	639
03-05	37.6	7.073	633	33	327	633	0	639
06-08	38.0	7.133	626	34	335	626	0	639
09-11	39.4	7.448	631	32	389	624	0	639
12-14	40.0	7.574	639	24	412	627	0	639
15-17	40.3	7.553	624	24	414	608	0	639
18-20	39.9	7.693	635	31	390	616	0	639
21-23	38.9	7.420	624	22	341	608	0	639
ALL HOURS	39.0	7.475	5035	230	2931	4959	0	5035

E - 5 - 3 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH	TEMPERATURES DEG F	TOTAL HOURS	
				LE 27	GE 37	LE 55 GE 65		
00-02	28.9	6.350	626	236	66	626	0	626
03-05	28.5	6.139	615	247	58	615	0	615
06-08	28.4	6.454	629	252	45	629	0	629
09-11	29.5	6.793	620	227	81	620	0	620
12-14	30.8	7.056	616	194	119	616	0	616
15-17	31.4	7.168	623	179	140	623	0	623
18-20	30.4	7.099	630	196	114	630	0	630
21-23	29.2	6.698	628	228	70	628	0	628
ALL HOURS	29.6	6.833	4987	1759	693	4987	0	4987

MONTH: OCT

00-02	9.7	14.077	690	645	0	690	0	696
03-05	9.9	13.847	690	639	0	690	0	696
06-08	9.5	13.668	686	638	0	686	0	696
09-11	9.8	13.795	680	629	0	680	0	696
12-14	10.3	13.824	696	635	1	696	0	696
15-17	10.4	14.189	692	634	3	692	0	696
18-20	10.0	14.128	688	633	0	688	0	696
21-23	9.5	13.997	677	629	0	677	0	696
ALL HOURS	9.9	13.948	5499	5082	4	5499	0	5499

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	-14.5	12.357	623	623	0	623	0	623
03-05	-14.8	12.836	619	619	0	619	0	619
06-08	-14.5	12.765	605	605	0	605	0	605
09-11	-14.9	12.885	609	609	0	609	0	609
12-14	-14.9	12.570	615	615	0	615	0	615
15-17	-14.6	12.391	620	620	0	620	0	620
18-20	-14.8	12.318	616	616	0	616	0	616
21-23	-14.9	12.344	618	618	0	618	0	618
ALL HOURS	-14.7	12.569	4925	4925	0	4925	0	4925

MONTH: DEC

00-02	-15.6	12.168	542	542	0	542	0	555
03-05	-15.2	12.620	535	535	0	535	0	555
06-08	-15.3	12.635	543	543	0	543	0	555
09-11	-15.7	12.136	554	554	0	554	0	555
12-14	-16.0	12.133	555	555	0	555	0	555
15-17	-16.1	12.423	561	561	0	561	0	555
18-20	-15.4	12.528	587	587	0	587	0	555
21-23	-15.4	12.788	572	572	0	572	0	555
ALL HOURS	-15.6	12.449	4449	4449	0	4449	0	4449

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	7.0	25.441	6797	4664	759	6790	0	6797
03-05	6.8	25.362	6728	4644	738	6725	0	6728
06-08	7.3	25.384	6757	4631	801	6754	0	6757
09-11	8.0	25.725	6796	4599	988	6783	0	6796
12-14	8.4	25.905	6911	4620	1120	6893	0	6911
15-17	8.8	25.740	6945	4603	1140	6921	0	6945
18-20	8.4	25.661	6945	4641	1039	6916	0	6945
21-23	7.5	25.669	6879	4665	890	6854	0	6879
ALL HOURS	7.8	25.621	54758	37067	7475	54636	0	54758

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN

HOURS LST	10%	20%	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO							90%	MEAN	TOTAL OBS
			30%	40%	50%	60%	70%	80%				
00-02	100.0	100.0	100.0	100.0	100.0	98.6	70.9	25.2	1.2	74.3		433
03-05	100.0	100.0	100.0	99.8	99.3	97.6	73.0	27.0	1.4	74.4		422
06-08	100.0	100.0	100.0	99.8	99.8	97.2	72.3	27.5	.7	74.2		426
09-11	100.0	100.0	100.0	99.5	99.5	97.4	72.0	28.0	1.9	74.2		428
12-14	100.0	100.0	100.0	99.8	99.8	98.4	71.4	27.4	1.4	74.2		434
15-17	100.0	100.0	100.0	100.0	99.5	98.1	72.5	26.2	1.4	74.3		432
18-20	100.0	100.0	100.0	100.0	100.0	98.6	75.5	30.0	2.1	75.2		437
21-23	100.0	100.0	100.0	100.0	100.0	98.7	75.1	28.5	1.6	74.9		445
ALL HOURS	100.0	100.0	100.0	99.9	99.7	98.1	72.8	27.5	1.4	74.5		3457

MONTH: FEB

00-02	100.0	100.0	99.8	99.8	99.0	94.7	68.4	27.5	3.9	73.7		414
03-05	100.0	100.0	100.0	99.8	99.0	95.9	66.6	27.8	3.4	73.6		410
06-08	100.0	100.0	100.0	99.5	99.5	96.2	68.2	27.5	3.6	74.1		418
09-11	100.0	100.0	99.8	99.8	99.3	94.9	68.4	29.2	5.4	74.2		408
12-14	100.0	100.0	100.0	100.0	100.0	95.5	62.1	25.5	2.9	73.2		420
15-17	100.0	100.0	100.0	99.8	99.8	94.7	69.0	25.7	4.2	73.5		432
18-20	100.0	100.0	100.0	99.3	98.3	95.0	70.4	27.9	3.6	73.5		416
21-23	100.0	100.0	100.0	99.0	98.3	94.2	68.1	26.5	3.4	73.4		411
ALL HOURS	100.0	100.0	99.9	99.6	99.2	95.1	67.6	27.2	3.8	73.6		3329

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO								MEAN	TOTAL OBS	
	10%	20%	30%	40%	50%	60%	70%	80%			
00-02	100.0	100.0	99.8	99.6	96.3	89.7	64.3	24.1	6.0	72.2	485
03-05	100.0	100.0	100.0	100.0	96.4	87.6	61.6	22.3	6.3	72.0	476
06-08	100.0	100.0	100.0	100.0	96.2	89.7	63.7	24.1	4.7	71.9	468
09-11	100.0	100.0	100.0	99.8	96.8	87.9	63.4	23.1	5.1	71.7	494
12-14	100.0	100.0	100.0	99.5	96.2	84.3	61.8	19.5	3.3	70.7	553
15-17	100.0	100.0	100.0	99.1	95.6	84.7	66.0	22.6	2.7	71.1	562
18-20	100.0	100.0	100.0	99.4	97.4	89.1	64.6	21.2	3.9	71.9	542
21-23	100.0	100.0	99.8	98.5	95.3	89.2	67.7	22.7	4.5	72.0	529
ALL HOURS	100.0	100.0	100.0	99.5	96.3	87.7	64.2	22.4	4.5	71.7	4109

MONTH: APR

00-02	100.0	100.0	100.0	99.8	98.6	83.7	56.6	26.2	3.8	71.4	576
03-05	100.0	100.0	100.0	100.0	99.6	82.8	55.4	24.7	2.8	70.9	570
06-08	100.0	100.0	100.0	100.0	99.3	82.4	55.8	23.6	3.2	70.8	568
09-11	100.0	100.0	100.0	99.7	98.1	80.0	51.3	21.3	2.7	69.4	591
12-14	100.0	100.0	100.0	99.8	98.7	78.3	49.9	19.9	3.4	69.3	609
15-17	100.0	100.0	100.0	100.0	95.9	78.7	48.2	20.3	3.4	68.7	610
18-20	100.0	100.0	100.0	100.0	97.5	79.0	53.9	25.6	4.5	70.1	605
21-23	100.0	100.0	100.0	100.0	98.0	83.3	59.6	27.5	3.9	71.5	592
ALL HOURS	100.0	100.0	100.0	99.9	98.2	81.0	53.8	23.6	3.5	70.2	4721

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY

HOURS LST	10%	20%	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO						90%	MEAN	TOTAL OBS
			30%	40%	50%	60%	70%	80%			
00-02	100.0	100.0	100.0	100.0	99.8	92.6	80.7	55.1	28.2	80.1	592
03-05	100.0	100.0	100.0	100.0	99.7	92.8	82.8	56.6	26.9	80.2	583
06-08	100.0	100.0	100.0	100.0	98.8	90.2	78.1	49.7	17.8	77.9	584
09-11	100.0	100.0	100.0	99.8	97.4	88.9	69.9	38.4	7.0	74.6	584
12-14	100.0	100.0	100.0	100.0	98.0	87.0	67.4	30.2	4.1	73.1	586
15-17	100.0	100.0	100.0	100.0	96.6	82.7	62.1	27.2	2.9	71.7	588
18-20	100.0	100.0	100.0	100.0	98.1	87.5	67.9	35.1	8.4	74.2	592
21-23	100.0	100.0	100.0	100.0	99.3	92.2	78.6	48.4	18.3	78.1	589
ALL HOURS	100.0	100.0	100.0	100.0	98.5	89.2	73.4	42.6	14.2	76.2	4698

MONTH: JUN

00-02	100.0	100.0	100.0	100.0	100.0	99.7	96.5	70.8	34.3	84.9	600
03-05	100.0	100.0	100.0	100.0	100.0	100.0	97.3	73.3	36.7	85.6	591
06-08	100.0	100.0	100.0	100.0	99.7	98.3	89.8	59.2	30.0	82.3	606
09-11	100.0	100.0	100.0	99.8	98.4	91.8	75.6	45.6	14.0	77.3	607
12-14	100.0	100.0	100.0	99.3	96.5	89.4	70.7	40.7	8.3	75.1	604
15-17	100.0	100.0	100.0	98.7	95.9	90.1	66.7	34.5	8.9	74.2	609
18-20	100.0	100.0	100.0	99.5	98.2	92.8	75.1	45.1	11.5	76.7	610
21-23	100.0	100.0	100.0	100.0	100.0	98.2	86.9	53.1	24.0	80.8	601
ALL HOURS	100.0	100.0	100.0	99.7	98.6	95.0	82.2	52.7	20.9	79.6	4828

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	100.0	99.2	98.5	95.3	81.8	33.1	86.1	593
03-05	100.0	100.0	100.0	100.0	99.3	99.1	96.2	87.0	40.1	87.5	584
06-08	100.0	100.0	100.0	100.0	99.5	98.2	89.6	66.4	27.3	83.3	598
09-11	100.0	100.0	100.0	99.8	96.8	90.3	71.4	45.3	14.6	76.3	590
12-14	100.0	100.0	100.0	98.6	93.0	84.8	63.9	30.7	5.0	72.2	584
15-17	100.0	100.0	100.0	99.2	91.4	79.1	58.3	22.3	3.7	70.0	592
18-20	100.0	100.0	100.0	100.0	93.4	85.7	68.0	34.8	7.2	73.8	587
21-23	100.0	100.0	100.0	100.0	98.5	95.8	84.1	58.0	17.7	80.3	593
ALL HOURS	100.0	100.0	100.0	99.7	96.4	91.4	78.4	53.3	18.6	78.7	4721

MONTH: AUG

00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	94.4	58.9	91.1	623
03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.2	96.2	64.6	91.6	633
06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.2	93.3	53.8	90.2	626
09-11	100.0	100.0	100.0	100.0	99.5	98.7	94.0	77.0	33.9	85.3	631
12-14	100.0	100.0	100.0	100.0	98.1	92.6	81.2	57.4	20.3	79.6	644
15-17	100.0	100.0	100.0	100.0	96.8	89.3	74.4	47.0	17.0	77.3	624
18-20	100.0	100.0	100.0	100.0	99.5	96.7	86.6	62.2	27.6	82.2	635
21-23	100.0	100.0	100.0	100.0	100.0	99.8	99.0	86.5	44.1	88.0	624
ALL HOURS	100.0	100.0	100.0	100.0	99.2	97.1	91.7	76.7	40.0	85.6	5035

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	100.0	100.0	99.7	96.5	83.7	47.4	88.1	626
03-05	100.0	100.0	100.0	100.0	99.8	99.7	97.2	85.7	49.1	88.3	615
06-08	100.0	100.0	100.0	100.0	99.8	99.2	97.0	82.4	46.7	87.7	629
09-11	100.0	100.0	100.0	100.0	99.8	98.9	92.4	74.4	38.9	85.4	620
12-14	100.0	100.0	100.0	99.8	98.7	94.6	83.1	67.2	29.1	82.2	616
15-17	100.0	100.0	100.0	100.0	99.4	94.9	84.3	62.4	24.7	81.6	623
18-20	100.0	100.0	100.0	100.0	100.0	99.4	90.6	70.6	35.4	84.8	630
21-23	100.0	100.0	100.0	100.0	99.8	99.8	96.5	80.7	44.6	87.4	628
ALL HOURS	100.0	100.0	100.0	100.0	99.7	98.3	92.2	75.9	39.5	85.7	4987

MONTH: OCT

00-02	100.0	100.0	100.0	100.0	99.9	99.6	93.5	71.0	44.2	85.7	690
03-05	100.0	100.0	100.0	100.0	100.0	99.6	95.9	70.7	44.3	86.1	690
06-08	100.0	100.0	100.0	100.0	99.9	99.6	95.5	71.1	42.0	85.7	686
09-11	100.0	100.0	100.0	100.0	99.9	99.4	95.0	69.0	42.1	85.2	680
12-14	100.0	100.0	100.0	100.0	100.0	99.9	92.7	66.7	35.9	84.2	696
15-17	100.0	100.0	100.0	100.0	100.0	99.1	92.8	67.2	36.8	84.0	692
18-20	100.0	100.0	100.0	100.0	100.0	99.6	94.8	70.9	39.1	84.9	688
21-23	100.0	100.0	100.0	100.0	100.0	99.0	94.5	70.2	42.5	85.3	677
ALL HOURS	100.0	100.0	100.0	100.0	99.9	99.5	94.3	69.6	40.9	85.1	5499

E - 6 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	99.8	96.8	73.2	30.0	2.6	74.2	623
03-05	100.0	100.0	100.0	100.0	99.8	96.8	72.9	29.6	3.9	74.5	619
06-08	100.0	100.0	100.0	100.0	99.8	96.4	74.0	30.7	3.0	74.4	605
09-11	100.0	100.0	100.0	99.8	99.3	95.7	72.6	27.9	2.5	74.0	609
12-14	100.0	100.0	100.0	99.8	99.5	96.6	72.8	27.2	2.1	74.0	615
15-17	100.0	100.0	100.0	100.0	100.0	97.4	76.0	28.1	3.5	74.4	620
18-20	100.0	100.0	100.0	100.0	99.7	96.9	75.3	27.6	2.9	74.3	616
21-23	100.0	100.0	100.0	100.0	100.0	96.3	72.2	28.2	2.9	74.1	618
ALL HOURS	100.0	100.0	100.0	100.0	99.8	96.6	73.6	28.6	2.9	74.2	4925

MONTH: DEC

00-02	100.0	100.0	100.0	99.8	99.8	98.3	66.2	28.8	2.8	73.6	542
03-05	100.0	100.0	99.8	99.4	98.5	96.4	64.3	28.8	2.6	73.1	535
06-08	100.0	100.0	100.0	100.0	99.6	98.2	64.8	27.4	2.4	73.6	543
09-11	100.0	100.0	100.0	100.0	99.5	98.0	65.2	24.7	1.6	73.3	554
12-14	100.0	100.0	100.0	100.0	100.0	97.7	66.3	24.9	2.9	73.7	555
15-17	100.0	100.0	100.0	99.6	98.9	97.7	65.4	23.7	2.5	73.2	561
18-20	100.0	100.0	99.7	99.7	99.3	97.3	62.4	28.4	3.1	73.3	587
21-23	100.0	100.0	99.8	99.7	99.5	97.0	63.8	30.2	2.4	73.5	572
ALL HOURS	100.0	100.0	99.9	99.8	99.4	97.6	64.8	27.1	2.5	73.4	4449

E - 6 - 6

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	99.9	99.4	96.2	81.5	54.0	24.1	80.2	6797
03-05	100.0	100.0	100.0	99.9	99.4	95.9	81.6	55.1	25.7	80.5	6728
06-08	100.0	100.0	100.0	100.0	99.4	95.6	80.4	51.1	21.6	79.5	6757
09-11	100.0	100.0	100.0	99.9	98.7	93.6	75.1	43.7	15.4	77.2	6796
12-14	100.0	100.0	100.0	99.7	98.2	91.5	71.0	37.7	10.8	75.4	6911
15-17	100.0	100.0	100.0	99.7	97.4	90.4	70.0	35.0	10.1	74.7	6945
18-20	100.0	100.0	100.0	99.8	98.5	93.1	74.3	41.3	13.5	76.6	6945
21-23	100.0	100.0	100.0	99.8	99.1	95.4	79.7	48.5	18.9	78.7	6879
ALL HOURS	100.0	100.0	100.0	99.8	98.8	93.9	76.7	45.7	17.5	77.8	54758

E - 6 - 7

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	FFFFFFFFF
PPPPPPP	AAAAAAA	RRRRRRR	TTTTTTTTT	FFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPP	AA AA	RRRRRRR	TT	FFFFFFF
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	FFFFFFF
PP	AAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

F - 1 - 1

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0900	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
1200	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
1500	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
1800	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
2100	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	29.98	30.10	30.10	30.06	30.04	29.93	29.91	29.88	29.90	29.92	29.99	30.00	29.98
	SD	.364	.368	.307	.263	.230	.195	.187	.222	.228	.327	.299	.386	.298
	TOT OBS	287	267	290	278	291	282	292	292	288	296	282	287	3432
0300	MEAN	29.99	30.11	30.11	30.07	30.03	29.92	29.91	29.88	29.90	29.92	29.99	30.01	29.99
	SD	.376	.369	.298	.257	.229	.197	.186	.219	.231	.328	.304	.387	.300
	TOT OBS	297	273	295	286	292	285	296	297	285	294	285	296	3481
0600	MEAN	29.98	30.11	30.11	30.08	30.03	29.92	29.92	29.88	29.90	29.91	29.98	30.00	29.98
	SD	.374	.369	.299	.260	.228	.199	.188	.221	.233	.328	.301	.380	.299
	TOT OBS	298	272	297	280	299	285	296	289	293	300	277	293	3479
0900	MEAN	29.97	30.11	30.10	30.06	30.03	29.93	29.92	29.89	29.90	29.92	29.98	30.00	29.98
	SD	.374	.370	.300	.269	.234	.201	.183	.225	.239	.329	.302	.387	.301
	TOT OBS	290	269	300	288	291	288	292	289	283	294	288	295	3467
1200	MEAN	29.98	30.10	30.11	30.07	30.03	29.93	29.92	29.88	29.89	29.92	29.99	29.99	29.98
	SD	.374	.372	.302	.270	.229	.199	.190	.225	.234	.331	.301	.383	.301
	TOT OBS	290	269	296	290	294	285	293	295	283	297	283	295	3470
1500	MEAN	29.97	30.11	30.10	30.06	30.04	29.93	29.91	29.88	29.90	29.93	29.98	30.01	29.99
	SD	.373	.367	.296	.270	.226	.198	.192	.227	.230	.334	.308	.384	.301
	TOT OBS	289	274	302	284	299	282	295	289	288	289	279	289	3459
1800	MEAN	29.98	30.11	30.10	30.06	30.02	29.92	29.91	29.88	29.89	29.92	29.98	30.00	29.98
	SD	.375	.367	.297	.261	.223	.195	.187	.220	.230	.326	.309	.392	.300
	TOT OBS	287	269	286	285	296	282	294	297	287	297	285	297	3462
2100	MEAN	29.98	30.10	30.10	30.06	30.03	29.92	29.91	29.87	29.90	29.92	29.98	30.00	29.98
	SD	.370	.365	.299	.267	.228	.195	.185	.217	.229	.322	.306	.388	.299
	TOT OBS	295	271	298	284	297	291	291	290	291	289	287	299	3483
ALL HOURS	MEAN	29.98	30.11	30.10	30.06	30.03	29.92	29.91	29.88	29.90	29.92	29.98	30.00	29.98
	SD	.373	.368	.300	.265	.228	.197	.187	.222	.232	.328	.304	.386	.300
	TOT OBS	2333	2164	2364	2275	2359	2280	2349	2338	2298	2356	2266	2351	27733

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	29.92	30.04	30.04	30.00	29.97	29.87	29.85	29.82	29.84	29.86	29.92	29.94	29.92
	SD	.364	.367	.306	.263	.230	.195	.186	.222	.228	.326	.299	.385	.298
	TOT OBS	287	267	290	278	291	282	292	292	288	296	282	287	3432
0300	MEAN	29.93	30.05	30.05	30.01	29.97	29.86	29.85	29.82	29.84	29.86	29.92	29.95	29.93
	SD	.376	.368	.297	.257	.228	.196	.186	.219	.231	.327	.304	.386	.300
	TOT OBS	297	273	295	286	292	285	296	297	285	294	285	296	3481
0600	MEAN	29.92	30.05	30.04	30.01	29.97	29.86	29.86	29.82	29.84	29.85	29.92	29.94	29.92
	SD	.373	.368	.298	.260	.227	.198	.187	.221	.233	.327	.301	.380	.299
	TOT OBS	298	272	297	280	299	285	296	289	293	300	277	293	3479
0900	MEAN	29.91	30.05	30.04	30.00	29.97	29.86	29.86	29.83	29.83	29.86	29.91	29.94	29.92
	SD	.373	.369	.299	.269	.234	.200	.183	.225	.238	.328	.302	.387	.301
	TOT OBS	290	269	300	288	291	288	292	289	283	294	288	295	3467
1200	MEAN	29.92	30.04	30.04	30.00	29.97	29.87	29.85	29.82	29.83	29.86	29.93	29.93	29.92
	SD	.374	.372	.301	.270	.229	.198	.189	.225	.233	.330	.300	.382	.301
	TOT OBS	290	269	296	290	294	285	293	295	283	297	283	295	3470
1500	MEAN	29.91	30.05	30.04	30.00	29.97	29.87	29.85	29.82	29.84	29.87	29.92	29.95	29.92
	SD	.372	.366	.295	.270	.226	.197	.191	.227	.230	.333	.307	.383	.300
	TOT OBS	289	274	302	284	299	282	295	289	288	289	279	289	3459
1800	MEAN	29.92	30.05	30.04	29.99	29.96	29.86	29.85	29.82	29.83	29.86	29.92	29.94	29.92
	SD	.374	.366	.296	.261	.223	.195	.186	.220	.229	.325	.309	.391	.299
	TOT OBS	287	269	286	285	296	282	294	297	287	297	285	297	3462
2100	MEAN	29.92	30.04	30.04	30.00	29.96	29.86	29.85	29.81	29.84	29.85	29.92	29.93	29.92
	SD	.369	.364	.298	.266	.228	.194	.185	.217	.228	.321	.305	.388	.298
	TOT OBS	295	271	298	284	297	291	291	290	291	289	287	299	3483
ALL HOURS	MEAN	29.92	30.05	30.04	30.00	29.97	29.86	29.85	29.82	29.84	29.86	29.92	29.94	29.92
	SD	.372	.368	.299	.265	.228	.197	.187	.222	.231	.327	.303	.385	.299
	TOT OBS	2333	2164	2364	2275	2359	2280	2349	2338	2298	2356	2266	2351	27733

F - 4 - 1

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	GG GGGG
PP	AAAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

G - 1 - 1

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 040-220

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2			877				886	.2	.1		887	.1			871
CATEGORY B	.7			905	.3			912	.4	.1		918	.4			919

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.7			877	.2			878	.9	.2	.1	878	.3	.2		879
CATEGORY B	1.3			931	.3	.1		922	1.1	.5	.2	921	1.0	.2	.1	904

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.4	.1	.0	4391	.3	.1	.0	7033
CATEGORY B	.7	.2	.0	4611	.7	.1	.0	7332

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 040-220

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2			805	.4	.1		810	.6			812	1.0	.1		798
CATEGORY B	.6			833	1.0	.4	.2	842	1.3	.5		854	2.2	.3	.3	871

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.7	.1		812	.4			809	.8	.1		793	.2			802
CATEGORY B	1.7	.6		859	1.7			875	.7	.2	.1	846	.4			836

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.7	.1		4024	.5	.1		6441
CATEGORY B	1.5	.3	.1	4305	1.2	.2	.1	6816

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 040-221

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.6			871	.3			889	.1			896	.2	.1		898
CATEGORY B	.9	.3		885	.4	.1		915	.1			944	.3	.2		937

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			890	.1			897	.1			880	.1			878
CATEGORY B	1.0			917	.2	.1		913	.4	.1		906	.1			899

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1	.0		4461	.2	.0		7099
CATEGORY B	.4	.1		4617	.4	.1		7316

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 040-220

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				845				859	.1			869	.6			861
CATEGORY B				875				918	.9			925	.9			914

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3			871	.2	.1		860				870	.1			861
CATEGORY B	.9			897	.6	.2	.1	898	.4			910	.3			895

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3	.0		4331	.2	.0		6896
CATEGORY B	.7	.0	.0	4544	.5	.0	.0	7232

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 040-220

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			887	.2			882	.1			894	.2	.1		877
CATEGORY B	.3			973	.3			977	.2			997	.5	.1		925

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2			881	.4	.1		898	.3	.1		893	.3			891
CATEGORY B	.2			926	.4	.3	.1	930	.3	.2	.1	955	.3	.1		943

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3	.1		4443	.3	.0		7103
CATEGORY B	.3	.1	.0	4733	.3	.1	.0	7626

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 040-220

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN

.....
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

.....
CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

.....
TIME (LST) | 0000 - 0200 | 0300 - 0500 | 0600 - 0800 | 0900 - 1100
SPEED (KTS) | GE15 GE20 GE25 OBS | GE15 GE20 GE25 OBS | GE15 GE20 GE25 OBS | GE15 GE20 GE25 OBS
CATEGORY A | .1 | .4 | .2 | .1
CATEGORY B | .1 .1 935 | 1.0 .1 944 | .4 977 | .1 929

.....
TIME (LST) | 1200 - 1400 | 1500 - 1700 | 1800 - 2000 | 2100 - 2300
SPEED (KTS) | GE15 GE20 GE25 OBS | GE15 GE20 GE25 OBS | GE15 GE20 GE25 OBS | GE15 GE20 GE25 OBS
CATEGORY A | .6 .4 849 | 1.1 857 | .2 853 | .4 849
CATEGORY B | .7 .3 .2 881 | 1.3 .6 .2 897 | .9 .3 918 | .8 .1 921

.....
TIME (LST) | 0600 - 2000 | ALL HOURS
SPEED KTS | GE15 GE20 GE25 OBS | GE15 GE20 GE25 OBS
CATEGORY A | .4 .1 4272 | .4 .0 6824
CATEGORY B | .7 .2 .1 4602 | .6 .2 .1 7402

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 040-220

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.5			881	.6			876	.4	.1		893	.6	.1		881
CATEGORY B	.8			958	1.0	.2		960	1.2	.2		972	1.2	.2		935

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.8	.1		873	.9	.1		882	1.3	.2		877	1.0			887
CATEGORY B	1.5	.2	.2	912	1.3	.3	.1	919	1.9	.3	.1	934	1.1	.3		948

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.8	.1		4406	.8	.1		7050
CATEGORY B	1.4	.3	.1	4672	1.3	.2	.1	7538

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 040-220

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.6			873	.6	.2		882	.3			871	.2			869
CATEGORY B	1.1	.3		940	1.4	.7	.5	985	1.9	.6		943	1.0	.1		934

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.8	.1		888	.8			874	.1			892	.8			866
CATEGORY B	1.5	.2	.1	949	1.2	.3		922	.8	.4		971	1.3	.1		929

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.5	.0		4394	.5	.0		7015
CATEGORY B	1.3	.3	.0	4719	1.3	.4	.1	7573

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 040-220

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			852	.4			839	.2			865	.6			852
CATEGORY B	1.0			899	.9			882	1.3	.2	.2	956	1.9	.5	.1	915

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.1			851	.9	.1		865	.9	.1		867	1.0			872
CATEGORY B	2.4	.8	.2	905	2.8	.9		922	1.7	.4	.1	931	1.2	.1		909

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.7	.0		4300	.7	.0		6863
CATEGORY B	2.0	.6	.1	4629	1.7	.4	.1	7319

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 040-220

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.0			890	1.6	.1		883	.5	.1		888	1.5	.3	.2	875
CATEGORY B	2.1	.5		918	2.6	.8		925	1.5	.1		959	2.0	.6	.3	957

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100			2300
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.1			886	.9			892	1.6	.1		895	1.7	.1		885
CATEGORY B	1.6	.3	.2	957	1.7	.2		979	2.5	.5		959	2.8	1.1		933

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.1	.1	.0	4436	1.2	.1	.0	7094
CATEGORY B	1.8	.4	.1	4811	2.1	.5	.1	7587

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 040-22L

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				848	.4			847				843				853
CATEGORY B	.7			869	1.1			872	.5			857	1.0			892

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				849				849				847	.4			855
CATEGORY B	.5			883	.2			876				866	.3			867

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				4241	.1			6791
CATEGORY B	.4			4374	.5			6982

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 040-220

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			885	.2			881	.1			885	.6	.1	.1	880
CATEGORY B	.1			909	.7			903	.7			902	1.5	.2	.1	920

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.7			889	.3			867	.2			896	.3			890
CATEGORY B	1.2	.1	.1	929	.7	.1		920	.6			932	.5	.1		911

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.4	.0	.0	4417	.3	.0	.0	7073
CATEGORY B	.9	.1	.0	4603	.8	.1	.0	7326

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 040-220

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS 0"")

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3			10368	.4	.0		10383	.2	.0		10461	.5	.1	.0	10370
CATEGORY B	.7	.1		10899	.9	.2	.1	11035	.9	.1	.0	11204	1.1	.2	.1	11048

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.6	.1		10416	.5	.0		10428	.5	.1	.0	10441	.6	.0		10415
CATEGORY B	1.2	.2	.1	10946	1.0	.3	.0	10973	1.0	.3	.1	11049	.9	.2	.0	10895

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.5	.1	.0	52116	.5	.0	.0	83282
CATEGORY B	1.0	.2	.1	55220	1.0	.2	.0	88049

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHHHH	
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	HHHHHHHHHH	
PP	AAAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

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PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
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MEAN |

SD |

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 700637

STATION NAME: DEADHORSE AK
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
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MEAN

SD

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AWS	STATION NAME: DEADHORSE AK*												FIELD ELEV: 57 FT		
	LATITUDE/LONGITUDE: 70 12 N 148 28 W												STATION MSC: 700637		
CLIMATIC BRIEF	HOURLY OBS POR: JAN 80 - DEC 89 (DEADHORSE AK DATA)												CALL SIGN: PASC (SCC)		
(LIMITED)	SUMMARY OF DAY POR: AUG 57 - NOV 78, MAY 80 - DEC 88 (OLIKTOK AK DATA/PART TIME)												SUPERSEDES: NA		
AUG 90	HOURS SUMMARIZED: 0000 - 2300 LST (DEADHORSE AK DATA)														
	LST TO UTC: +09														
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
EXTRM MAX TEMP (F)	38	41	36	43	49	70	78	75	65	45	35	34	78	30	
MEAN MAX TEMP (F)	-9	-14	-10	5	27	40	48	46	36	20	3	-7	17	30	
MEAN TEMP (F)	-16	-21	-17	-3	21	36	42	41	32	14	-4	-14	11	30	
MEAN MIN TEMP (F)	-24	-28	-25	-12	15	31	36	35	28	8	-10	-21	3	30	
EXTRM MIN TEMP (F)	-58	-64	-56	-47	-22	7	25	21	0	-27	-49	-62	-64	30	
D/W TEMP GE 60 (F)	0	0	0	0	0	1	4	2	1	0	0	0	8	30	
D/W TEMP GE 50 (F)	0	0	0	0	0	3	10	10	2	0	0	0	25	30	
D/W TEMP LT 33 (F)	31	28	31	30	31	21	8	11	26	31	30	31	309	30	
D/W TEMP LT 0 (F)	29	27	30	23	2	0	0	0	0	8	23	29	171	30	
HEATING DEGREE DAYS	2480	2394	2520	1977	1367	927	778	806	1008	1544	1956	2415	20172	30	
COOLING DEGREE DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	30	
MEAN DEWPOINT TEMP (F)	**	**	-21	-10	14	32	39	39	29	9	-14	**	**	10	
MEAN WET BULB TEMP (F)	**	**	-15	-3	19	35	43	41	32	12	-9	**	**	10	
99.95% WCPA (FT)	1150	1000	800	750	650	650	650	750	800	1050	950	1150	900	10	
MEAN REL HUM 07 LST(%)	74.2	74.1	71.9	70.8	77.9	82.3	83.3	90.2	87.7	85.7	74.4	73.6	79.5	10	
MEAN REL HUM 13 LST(%)	74.2	73.2	70.7	69.3	73.1	75.1	72.2	79.6	82.2	84.2	74.0	73.7	75.4	10	
MAX 24HR PRECIP (IN)	.38	.38	.30	.37	.90	1.00	3.00	2.40	2.20	.38	.40	.40	3.00	30	
MAX PRECIP (IN)	.45	.44	.60	.46	1.00	1.73	5.00	5.70	4.59	1.24	1.06	.59	11.05	30	
MEAN PRECIP (IN)	.11	.10	.07	.14	.27	.31	1.13	1.58	.72	.51	.14	.13	5.21	30	
MIN PRECIP (IN)	.00	.00	.00	.00	#	#	#	#	#	.08	#	.00	1.12	30	
D/W PRECIP GE .01 (IN)	5	5	5	5	6	6	8	12	10	12	8	6	88	39	
D/W PRECIP GT .50 (IN)	0	0	0	0	#	#	1	1	1	0	0	0	3	30	
MAX 24HR SNFL (IN)	4.0	2.0	3.0	3.7	4.3	1.6	.9	3.4	5.0	4.0	4.0	4.0	5.0	30	
MAX SNFL (IN)	4.5	4.4	6.0	4.9	8.9	2.4	1.0	15.6	8.4	12.3	9.6	5.9	34.6	30	
MEAN SNFL (IN)	1.1	.9	.7	1.4	1.6	.3	#	.9	2.1	5.0	1.4	1.3	17.8	30	
D/W SNFL GE .1 (IN)	1	1	1	2	3	1	#	1	3	7	2	2	24	30	
D/W SNFL GE 1.5 (IN)	1	#	#	1	1	#	0	1	1	1	1	1	8	30	
MAX DLY SNO DEPTH (IN)	19	19	21	21	19	8	#	3	7	9	12	19	21	30	
PRVLNG WND DIR (DEG)	05-07	23-25	05-07	05-07	05-07	05-07	05-07	05-07	05-07	05-07	05-07	23-25	05-07	10	
MEAN WND SPD (KTS)	12	13	12	12	13	12	12	11	12	12	12	12	12	10	
MAX WND SPD (KTS)	50	89	58	50	48	44	45	47	57	56	58	47	89	10	
SKY COVER GT 5/10 (%)	44.9	50.4	39.9	55.2	77.9	72.7	73.2	85.0	85.5	78.9	55.2	52.8	64.4	10	
D/W THUNDERSTORMS	0	0	0	#	0	#	#	#	0	0	0	0	#	30	
D/W FOG (VSBY LT 7 MI)	10	9	10	12	21	21	22	24	19	14	10	07	179	39	
LEGEND: ANN = ANNUAL															
D/W = MEAN NUMBER OF DAYS WITH															
& = BASED ON LESS THAN FULL MONTHS															
POR/YOR = PERIOD/YEARS OF RECORD															
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE															
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE															
\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	30.5	28.1	20.8	28.8	64.7	53.9	44.7	58.8	61.6	57.0	35.9	28.2	42.7	10
	03 - 05	32.9	29.4	21.9	32.2	67.8	55.4	49.7	59.1	62.3	55.6	39.6	29.8	44.6	10
	06 - 08	32.1	30.6	28.0	35.3	65.9	55.4	53.1	59.8	61.2	60.3	38.7	28.9	45.8	10
	09 - 11	35.7	36.5	30.5	35.6	58.9	52.2	45.9	58.5	62.0	58.7	42.4	30.1	45.6	10
	12 - 14	38.2	35.4	27.0	28.3	56.3	46.4	36.5	55.4	61.9	52.6	38.8	33.8	42.5	10
	15 - 17	36.0	32.4	23.8	24.3	58.4	43.4	31.2	51.5	62.2	54.2	36.2	31.8	40.4	10
	18 - 20	32.9	29.7	21.5	24.9	55.0	42.4	31.4	50.7	61.7	57.5	32.7	31.8	39.3	10
	21 - 23	31.1	26.5	20.3	25.8	58.0	44.5	36.4	53.7	61.8	55.6	32.6	31.7	39.8	10
	ALL	33.7	31.1	24.3	29.4	60.6	49.2	41.1	55.9	61.8	56.4	37.1	30.8	42.7	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	27.0	22.3	16.2	20.9	57.5	49.2	38.8	48.2	49.0	38.7	27.7	20.9	34.7	10
	03 - 05	28.9	23.9	15.6	25.1	59.1	52.3	45.1	49.7	48.9	37.6	28.1	20.5	36.2	10
	06 - 08	27.3	24.2	22.8	30.2	57.7	51.9	49.2	50.9	51.0	40.4	27.6	18.9	37.7	10
	09 - 11	30.8	32.4	25.9	29.9	51.4	48.5	40.5	51.5	50.0	44.1	34.3	20.7	38.3	10
	12 - 14	34.6	32.1	23.4	24.1	49.1	42.1	31.3	47.2	48.4	38.8	32.5	25.3	35.7	10
	15 - 17	32.4	29.1	20.2	20.4	51.1	39.7	24.2	40.2	47.9	40.2	28.8	25.0	33.3	10
	18 - 20	28.1	25.2	18.3	20.1	49.8	38.7	25.5	40.0	46.9	41.5	25.8	23.2	31.9	10
	21 - 23	25.5	22.0	15.6	20.5	52.0	41.9	29.7	45.2	47.8	41.0	25.0	24.0	32.5	10
	ALL	29.3	26.4	19.8	23.9	53.5	45.6	35.6	46.6	48.7	40.3	28.8	22.3	35.1	10
	CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	17.9	18.1	11.4	13.8	41.9	42.1	36.0	39.6	35.8	20.9	19.0	13.0	25.8
03 - 05		20.3	19.6	11.5	17.3	47.8	46.9	41.3	41.0	37.2	21.1	18.0	13.3	27.9	10
06 - 08		19.4	17.8	15.1	21.3	43.6	47.1	44.7	40.6	37.2	24.5	19.7	12.4	28.6	10
09 - 11		22.5	25.0	18.4	19.3	38.2	39.1	30.7	38.4	36.8	25.6	21.7	13.9	27.5	10
12 - 14		26.7	25.4	17.9	15.5	36.8	27.9	18.2	29.1	33.1	21.8	20.6	16.6	24.1	10
15 - 17		23.9	23.8	15.1	12.7	33.7	27.0	13.8	24.8	32.4	25.7	17.5	15.8	22.2	10
18 - 20		20.4	19.6	12.7	11.0	34.1	28.4	18.5	29.2	33.6	25.3	16.5	13.8	21.9	10
21 - 23		17.4	15.4	10.6	12.6	36.4	33.7	26.0	35.4	34.9	21.7	17.4	14.7	23.0	10
ALL		21.1	20.6	14.1	15.5	39.0	36.5	28.7	34.7	35.1	23.3	18.8	14.2	25.1	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI		00 - 02	2.5	3.0	3.1	2.5	5.9	9.2	10.2	9.6	3.6	1.7	4.0	3.3	4.9
	03 - 05	3.6	3.4	2.9	3.0	7.1	6.7	12.3	7.8	3.4	1.8	3.0	2.2	4.8	10
	06 - 08	3.4	3.8	3.2	4.6	6.5	4.7	7.3	6.4	5.6	2.2	2.7	2.3	4.4	10
	09 - 11	2.9	5.4	4.1	4.3	2.4	1.3	1.4	3.0	2.7	2.6	3.3	2.5	3.0	10
	12 - 14	3.8	6.8	4.1	2.2	.9	.5	.1	1.1	1.6	2.3	4.6	2.8	2.6	10
	15 - 17	2.7	6.1	4.8	2.2	.3	.7	.6	.8	2.1	2.5	4.4	1.7	2.4	10
	18 - 20	2.8	3.0	3.6	2.1	.6	1.4	1.0	3.5	3.7	1.3	2.9	1.0	2.2	10
	21 - 23	3.0	2.9	2.5	1.6	3.5	3.8	5.3	7.1	4.4	1.4	3.9	2.4	3.5	10
	ALL	3.1	4.3	3.6	2.8	3.4	3.5	4.8	4.9	3.4	2.0	3.6	2.3	3.5	10
	HURRICANES/TROPICAL STORMS OBSERVED : NONE														
REMARKS: * THIS CLIMATIC BRIEF IS A COMBINATION OF DEADHORSE AK HOURLY DATA AND OLIKOTOK AK SUMMARY OF THE DAY DATA. SINCE OLIKOTOK IS ONLY APPROXIMATELY 40 MILES FROM DEADHORSE AND IN THE SAME CLIMATIC REGIME, THIS BRIEF CAN ALSO BE USED FOR OLIKOTOK AK.															
		LAT/LONG		FLD ELV		CALL SIGN		MSC#							
		OLIKOTOK AK		70 30 N 149 53 W		16 FT		OLI		700630					
** DATA NOT AVAILABLE. MEAN DEW POINTS/WET BULB TEMPERATURES UNRELIABLE IN WINTER MONTHS. DEW POINTS ARE NOT REPORTED WHEN TEMPERATURES ARE BELOW -35 DEGREE F (SEE DEADHORSE AK SOCS, NOTE 1, PAGE E-1-2).															
@ HEATING/COOLING DEGREE DATA FROM LOCAL CLIMATOLOGICAL DATA (LCD), ANNUAL SUMMARIES FOR 1988, PART V, BARTER ISLAND, AK, FOR 1951-1980.															
@@ D/W DATA FROM SUMMARY OF THE DAY DATA FOR BARTER ISLAND AK (BARTER ISLAND CLIMATIC BRIEF AUG 90).															

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